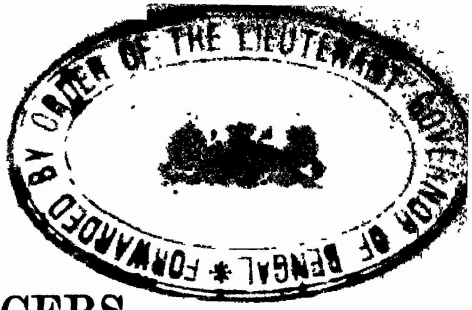

LIST

OF

CIVIL OFFICERS

HOLDING

GAZETTED APPOINTMENTS UNDER THE GOVERNMENT OF INDIA,

IN THE

HOME, LEGISLATIVE, FOREIGN, AND REVENUE AND AGRICULTURAL DEPARTMENTS,

GRADATION LIST OF COVENANTED CIVILIANS UNDER THE GOVERNMENT OF INDIA

AND

HISTORY OF SERVICES OF GAZETTED OFFICERS (WHOSE NAMES DO NOT APPEAR IN LISTS PUBLISHED BY ANY OF THE LOCAL GOVERNMENTS) SERVING UNDER THE GOVERNMENT OF INDIA IN THE HOME, LEGISLATIVE, AND REVENUE AND AGRICULTURAL DEPARTMENTS.

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INDEX.

Page

A

Abbott, H. B., Lieut.-Col. . . . 80
Abdulkarim, T. 151
Abdul Rahman 74
Abdur Rahim Hakim, Khan Bahadur, Asst. Surgeon 90
Acklom, R. E. 82
Adams, A., Surgeon-Major . . . 82, 98
———, C. A. E. G. 27
———, F. 108, 123
Adamson, C. H. E., Major 12
———, H. 13, 158
Aderjee Shapurjee 8
Agnew, W. F. 25
Ajudhia Pershad, Munshi 72
Aldridge, D. 28
Aldworth, St. L. B. 36
Alexander, F. G., Capt. 86
———, G., Lieut.-Col. 11
Ali Mahomed, Syad 3
—, Maulavi Mohabat 49
— Mir Hashmath 66
Allbon, H. 38
Alpin, W. G. P., Surgeon 88, 100
Ambadas Santu 72
An, Maung 18
Anderson, C. C. 41
———, F. C. 1, 5, 156
———, F. O., Lieut. 40
———, J. D. 44, 157
———, J. H. 23
———, K. M. 4
Andrew, D. C., Lieut.-Col. . . . 102, 130, 178
Anerah, W., Lieut. 26
Annesley, F. C. C. 36
Appaswamy, S. A., Apothy. 33
Arbuthnot, J. C. 44, 159
Archer, C., Lieut. 92
Ardasir Dinshaji 72
Armstrong, O. C. 41
Atkinson, D. 108, 130
———, G. D. Lieut. 41
———, E. F. T. 154
———, E. S. P. 108, 123
———, G. W. E. 108, 123
Atmaram Bhikaji 70
Aulad Husen, Khan Bahadur . . . 3
Aung Ban Moung 20
—— Baw Moung 22
—— Gyi Maung 23
—— Hla Maung 20
—— Ko Maung 21
—— Min Maung 22
—— Zan Maung 19
Austen, H. G. 58
Ayerst, W., Lieut. 17
Azizar Rahman, Munshi 46

B

Ba, Maung 20, 25
— , Ba Bwa Moung 25, 28, 29
— , Gyaw Maung 19
— , Gyi Moung 21
— , Lat Moung 25
— , Thaw Maung 21
— , Tu Maung 15

Page

Ba, U. Maung 38
— , Wa Maung 26
Babonau, T. W. (Jr.) 118, 132
Badgley, W. F., Col. 102, 140, 180
Bagley, W. 5
Baines, W. N. 37
Baird, A. W., Major 104, 140, 184
Baker, E. C. S. 55
———, O., Surgeon-Major 29
———, W. J. 118, 126
Balaji, Bhikaji Pinge 5
Balkrishna Martand Samarth . . . 4
Balwant Rao Gadgil 5
——— Rao Manday 5
Banatwala, H. E., Surg. 30
Bandhuji, Janardhan Chaobal . . . 66, 72
Banerjee, Ashutosh 49
———, A. C., Asst. Surgeon 29
———, Gopal Chunder 49
———, Hem Chunder 51
———, Nobin Chandra 4
———, Sarat Chandra 46
Bannerman, P. W., Col. 84
Bannerman, W. B., Surgn. 30
Bapu Rao, Patwardhan 4
Barber, R. E. 36
Barbour, D. M. 154
Barckley, W. C. G. 114, 132
Barclay, A. 5
———., Surgeon-Major 59, 165
Bardalai, Madhav Chandra 47
Barkagoti Damudhar. 48
——— Saaidhar 44
Barker, J. A. 112, 136
———, J. P. 118, 126
———, J. P. 150
Barnard, G. H. 14
Barnes, H. S. 94, 157
Barnett, R. P. S. 39
Barr, D. W. K., Major 84
Barrett, J. E. 76
———, E. C. 104, 128, 187
Barron, W., Lieut.-Col. . . . 102, 130, 176
Barrow, O. T. 158
Barry, J. A. 23
Barter, J. F., Brigade-Surgn. . . . 6
Barua, Bangshidar Sarma 49
———, Gunabhiram Sarma 46
———, Haliram 46
———, Radhanath 48
Basu, Narayan Chandra 52
Batabyal, Atul Chandra 49
Batten, H. G. 13
Baw, M. J. T., Revd. 34
Baylay, C. A., Col. 80
Bayley, C. S. 80, 162
———, S. C., Hon'ble Sir 153
Bayne, G. C. 9, 159
Beale, R. 22
—— , T. S. 37
Beasley, E. M., Revd. 7
Beavan, R., Lieut.-Col. . . . 104, 140, 188
Bedford, N. 118, 128
Beechey, P. 116, 128
Belcham, G. 108, 188
Belchambers, R. 59, 168
Bell, F. S. 118, 126

	Page
Bell, J. A., Captain	76
Benson, P. H., Surgeon-Major	74, 98
Bere, S.	17
Berkeley, L. F.	116, 126
———, E. F.	116, 138
Bernard, C. E., Sir	55
Berry, F. C.	157
Beverley, H., Hon'ble	154
Bhag Ram, Pundit, Rai Bahadur	76
Bhargo Rao	4
Bhogchand Rai	4
Bhuiyan, G. C. P.	48
Bhuttacharjee, D. D., Asst. Surgeon	31
Biddulph, C. E.	82
———, J., Col.	80
Bigge, W.	26
Bion, W. R.	142, 146, 203
Birks, A. E.	11, 157
Bishen Sarup Rai, Munshi	76
Biswas, N. C.	48
———, Pran Krishna	49
Black, W. G.	46
Blanford, H. F.	207
Bloomfield, A., Col.	2
Blyth, T. R.	142, 146, 203
Bogonaw, S., Asst. Surgeon	31
Boileau, F. W., Col.	76
Bolst, A. E. C.	54
Bomford, G., Surgeon-Major	59, 166
Bond, J.	112, 138
Borah, S., Surgeon-Major	50
Borrodaile, H. B., Lieut.	40
Bose, Harmohun	49
——, Hurrish Chunder	5
——, P. N.	142, 144, 202
Bowie, M. M., Lieut.-Col.	6, 7
Bowman, E., Surgeon-Major	90, 99
Bradley, F.	32
Branson, J. C. E.	159
Brett, C. M. W.	59, 157
Bridges, J. E.	12, 158
Brind, C. B.	15, 161
Briscoe, J. D., Revd.	33
Broad, F. D.	18
Brockman, H. V. D.	4, 161
Brock, M.	38
Brodie, A. J.	23
Brodrick, L. St. J.	54
Brooke Fox, A.	23
———, T. H. B., Col.	2
———, W. S., Lieut.-Col.	2
Brookes, O. H.	58
Broughton, L. P. D.	59
Brown, H. J.	23
———, J.	32
———, C. E.	23
Browne, D. G. L., Revd.	34
———, H. R., Lieut.	42, 45
———, H. S., Surgeon-Major	59
Browning, C. A. R.	6
———, H. A., Lieut.	16
Buchanan, A. W.	22
Buck, E. C., Sir	154
Buckle, H.	10
Buller, H. M., Colonel	86
Bullock, R., Lieut.-Col.	68
Burgess, G. D.	10, 156
———, J.	205
Burke, E. L. M.	24
Burne, K. G.	12
Burness, F., Surgeon	72
Burney, R. T.	1, 153
Burrard, S. G., Lieut.	106, 123, 194
Butcher, E. H.	150, 151
Butler, J., Major	11
Buttress, W. S.	108, 126
Bwa, Moung	27
Byaung, Maung	20

C

	Page
Cadell, T., Col.	57
Caldecott, E., Surgeon-Major	88, 100
Callaghan, D., Apothy.	56
Calogreedy, W.	23
Campagnac, A. S.	28
Campbell, A. C.	42
———, A. E., Col.	42
———, D.	116, 132
———, D. J. A.	13, 158
———, G.	114, 126
———, G. G. G.	85
———, G. H., Apothy.	32
———, J. E.	32
———, R. N., Surgeon	50, 51
Carey, A. D.	162
———, B. S.	17
———, L. S.	3, 159
———, G. P.	22
Carter, G. M. S.	15
Castle, E. A. E.	36
Chaki, Harish Chandra	46
Chakravarti, Mahim Chandra	48
———, Siva Prasad	46
Chambers, F.	207
Chard, C. H., Revd.	33, 58
Charrier, H. A.	118, 132
Chatterji, Akshay Kumar	47
———, F. C., Surgeon	30
———, Jogesh Chandra	46
———, Mohan Chandra	5
———, Nrityagopal	47
———, Umakant	49
Chaudri, Kaliram	47
———, Krishna Chunder	48
Chein, Maung	21
Chenevix-Trench, G. F., Lieut.	80
Cherois, D. L. de la, Captain	36
Chin, Hlaw Maung	20
Chisholm, J. W.	2
———, M. J.	86
Cho, Maung	23
Cholmeley, N. G	14, 160
Chowdhuri, A. K.	58
Christie, A.	110, 132
Chutter Singh, Subadar Maj.	40
Clancey, J. C.	18
Clark, E. W., Revd.	52
———, W. D.	37
Clarke, T. G., Col.	55
Claudius, T. E. M.	110, 132
Clements, E. P., Asst. Apothy.	7
Cleveland, C. R.	4, 161
Clogstoun, H. F.	161
Cloney, E. P.	22
Colham, H. C.	20
Coddington, F., Col.	102, 126, 175
Colbeck, F. S.	24
Cole, W. A., Apothy.	33
——, W. H.	104, 140, 183
Coles, F. E.	8
Collins, G. G.	15
Colomb, R. P., Lieut.	39
Colquhoun, A. R.	12
Colvin, A., Hon'ble Sir	153
Comber, A. B. C.	55
Commeline, F. H. B., Lieut.	6
Conceicao, P. de	51

	Page
Connor, E. J.	110, 138
———, J.	112, 128
Coode, F. T.	57
Cooke, C. B., Major	11
———, G. H.	104, 130, 189
———, W., Capt.	39
Copleston, F. S.	12, 157
Cordery, J. G.	64, 153
Cornelius, W. J.	112, 123
Cornish, W. H., Lieut.	63
Cossins, W. H.	46, 161
Cotes, E. C.	209
Cotgrave, H. F.	57
Courneuve, S. H. T. de la	16
Cowan, S. H., Lieut.-Col.	104, 126, 186
Cowie, Lieut.-Col. D.	144
Coxe, H. R. H.	15, 161
Cozen, J. T. U.	110, 132
Craddock, R. H.	3, 160
Crawford, J. A.	63, 162
Cresswell, C. A., Major	12
Critchley, C. E. B.	1
Crofts, A. M., Surgeon	88, 100
———, J., Surgeon	82, 98
Cronin, J. J., Lieut.	16
Crossfield, T. T., Revd.	52
Crosthwaite, C. H. T., Sir	9, 153
———, R. J.	2, 155
Croyden, W., Asst. Apothy.	7
Crump, H. A.	3, 161
Cullen, P., Surgeon-Major	6
Cumberland, B.	37
Cumberlege, N. R.	57
Cummings, R. C.	37
Cuningham, W. J.	63, 162
Cunningham, H. S., Hon'ble	168
Cusson, G. D.	112, 138
Custance, H. L., Lieut.	40

D

D'Attaides, F. X., Asst. Surgeon	31
Dadaji Jaiwant	4
Dallas, W. L.	206
Dalrymple, R. G. E., Lieut.-Col.	86
Daly, J. T.	51
Daly, W. W.	54
Dalzell, P. W., Surgeon-Major	29
Damodhar, V.	5
Dane, A. H. C., Surgeon-Major	88, 100
Daniell, C. E.	17
Dantra, S. H., Surgeon-Major	29
Darrah, H. Z.	158
Das, Ahran	49
——, Bhola Nath	48
——, Chini Ram	49
——, Gour Charan	47
——, Guruprasad	46
——, H., Asst. Surgeon	32
——, Jagat Bandhu	49
——, Jugut Chandra	46
——, Kali Ram	49
——, Kamala Nath	49
——, Purshotam	4
Dastur, Edalji Bahmanji	68, 70
———, Maniksha Euttenji	56, 72
Dat, Biressar	4, 6
Datta, Grish Chunder	50
———, Prokash Chundra	47
———, P. N.	142, 146, 203
———, Ratnodhar	50
Davidson, B. H.	34
———, J. W.	36
Davies, C. A. W.	56, 68, 70
———, R. D. C., Lieut.	70
Davis, A. W.	45, 160
———, J., Apothy.	33
———, R. E. S., Surgeon	29
Dawson, R. H., Lieut.	41
———, C. H., Lieut.	82
———, R. S., Hony. Surgeon	30
De, Rajmohon	46
Deane, A., Surgeon-Major	88, 99
Debi Persahad Rai	4
—— Pershad	5
Deighton, H.	37
De'Lang, W. N.	4
DeLaessoe, A. F., Captain	76
Deo Rao, Jaykrishna	72
Devan Coo, M., Apothy.	32
Dey, Purna Chandra	40
Dias, J.	74
Dickinson, R. R.	114, 130
Dina Nath	8
Dixon, J.	35
Dobson, A. F., Surgeon-Major	74, 98
———, E. F. H., Surgeon	51
———, F. H.	26
———, J.	36
Dolby, J.	32
DonRoy, U., Revd.	52
Doran, P. J. W.	112, 123
Dori Lall	5
Dorkha, U. Revd.	53
Dowda, R. O.	36
Dowding, C., Revd.	52
Dowman, H.	110, 130
Doyle, F. J., Surgeon	56
Drake Brockman, H. V.	4, 161
———, C. J. B. H., Captain	86
Driberg, J. J. S.	43
Drury, E.	37
———, F. J., Surgeon-Major	29
Drysdale, T.	6
D'Souza, A.	106, 132, 195
Duff, A. C.	3, 5, 159
——, J. C.	7
——, J. G. J.	8
Duffin, C. H.	22
Duke, C. J. A.	11
——, J., Surgeon-Major	88, 100
Dunlop, A. J.	70
———, F. C., Capt.	39
Dunne, T. H.	112, 140
Durand, Major E. L.	90
———, H. M.	63, 156
Durrant, E. G.	37
Durga Pershad	5
Dutta, Chana Ram	49
Dwe, Maung	20
Dyer, J. P., Revd.	34
Dyson, H. J., Surgeon	30
———, S. P. H.	17

E

Eales, H. L.	13, 159
Elsmie, G. R., Hon'ble	61, 162
Ebrahim Mahomed	23
Eccles, J.	106, 138, 196
Egerton, B.	76
Elias, N.	94
Eliott, L. E., Lieut.	16
Elliott, C. A., the Hon'ble	153
———, J.	6

	Page
Elliott, A.	68
Ellison, T. E.	3, 155
Endle, S., Revd.	52
Erskine, K. D., Lieut.	82
Eteson, A., Dy. Surgeon-General	50
Evans, A. O, Surgeon	30
———, R., Revd.	53
———, Gordon, W. E., Capt.	94
Evers, B., Surgeon-Major	7
Ewing, A.	116, 130
———, E. C. D.	112, 130
———, W. H. D.	116, 126
Eyre, G. S., Captain	13

F

FACIEN, F. DE	22
Fairclough, J.	34
Faithful, A. H.	37
Fanshawe, A. U.	156
———, J. C.	35
———, R. A. L.	35
Farrer, H.	157
Fawcett, F.	74
Fenton, T. C.	8
Ferrand, E., Surgeon	30
Fforde, T. F.	13
Fielding, W. A.	114, 134
Finlay, J. F.	157
Finn, A. H., Revd.	34
Firth, J. H.	6
Fisher, J., Apothy.	33
FitzGerald, J., Colonel	68
———, J. R.	94, 162
Fitzpatrick, D.	42, 153
Flannery, P. M.	23
Fleming, A. S.	9, 14, 160
———, J. M., Lieut.	106, 134, 197
Flynn, D. J., Revd	52
Fonseca, G. B., Apothy.	33
Fooks, G. E., Surgeon	78, 100
Foote, R. B.	142, 144, 199
Forbes, G. S.	64, 161
———, W. W.	36
Forchhammer, E.	41
Ford, C. W. J.	18
Foster, C. W. E., Hony. Surgn.	30
Fowle, E.	22
Fox, C. E.	26
Francis, J. C., Capt.	76
Franklin, B., Surgeon-Major	7
Fraser, A H. L.	1, 156
Fraser, C. A.	57
———, E. A., Major	80
———, H., Col.	7
———, J. S. D.	16
———, N. K.	22
———, O. L.	209
Freeman, T. F.	112, 128
Frenchman, E. P., Surgeon	29
Frizelle, J.	1, 162
Fryer, F. W. R.	9, 155
Fuller, J. B.	157
Fullerton, F. A.	55
———, J. C., Surgeon-Major	96
———, D. C., Surgeon-Major	92
Furlong, M., Col.	11

G

GADSDEN, H. C	37
Gaffney, J B., Surgeon-Major	6
Gaisford, G., Major	94
Gait, E. A.	45, 160
Gale, Maung	18
Galvin, J., Apothy.	32
Ganapati, K.	55
Ganesh Shrikishen Khaparde	56, 72
Ganpat Babji Sahasrbudhe	72
——— Rai, Diwan	92
———, Rao Gokle	5
———, Shrikandi	4
Garlah, T.	8
Garrett, R. V., Capt.	70
Gasper, C. S.	118,130
Gastaud, M.	116, 128
Gastrell, E. T., Lieut.	38
Gates, F. C.	9, 159
Gaudoin, G. R.	32
Gauk, Moung	27
Geidt, B. G.	38, 151
George, A.	116, 130
———, C.	116, 130
———, E. C. S.	16, 161
———, J. M. T.	17
Ghulam Mustaffa	5
Ghose, Aunada P.	52
———, A, Asst. Surgeon	31
———, Manmatha Nath	47
———, Prasanna Kumar	47
Gibson, A. J.	108, 132
———, R. A.	114, 136, 140
Giles, W., Lieut.	40
Gimlette, G. H. D., Surgeon	88, 90, 97, 100
Girdharilal Ratanlal Daphtari, Surg.-Maj.	7
Girdlestone, C. E R.	90, 154
Gladstone, C. E.	11, 155
Gobinda Ram Chaudhuri	48
Godber, G. E.	18
———, H. W.	21
Godfrey, G.	43, 157
Goldsmith, S. J., Surgeon-Major	88, 99
———, T. J., Revd.	52
Goodridge, J. P.	3, 155
Gordon, G.	45, 161
———, H. W., Hon'ble	162
———, L.	3, 6
Gore, St. G. C., Major	106, 140, 190
Goss, L. A.	27
Govind Singh, T. H., Apothy.	33
Grace, C. H., Col.	2
Graham, E.	114, 134
———, W.	23
Grant, F	108, 126
———, F. W., Col	68
———, J. P., Col.	150, 151
Graves, S. H. P., Capt.	34
Gray, M. A., Capt.	44
———, T. D., Revd.	7
Greany, P. M.	4
Greaves, H. R.	42, 156
Green, G. E. T., Lieut.	16
Greenshields, R. S.	42, 159
Greenstreet, R. H.	36
Greer, R. T.	44, 158
Grey, W. F. H., Capt.	12
Griesbach, C. L.	142, 144, 201
Griffin, L. H., Sir	84, 154
Griffiths, G., Revd.	52
———, H., Brigade-Surgeon	28
Grimwood, F. St. C.	44, 158
Grish Chandra	4
Guise, F. R.	54
Gunthorpe, E. J., Lieut.-Col.	57
Gupta, G. C. D.	58
———, Pyari Mohun, Dr.	51
———, Rukmini Kanta	48

	Page
Gurdon, H. P. R. T., Lieut.	46
Gurney, A. K., Revd.	52
Gwynne, N. C.	110, 123
Gyi, Maung	17, 21, 23, 24, 25

H

HACKET, C. A.	142, 144, 201
Haddock, J. A. T.	118, 128
Haig, C. T., Col.	102, 123, 174
Hak Nawaz Khan Bahadur	92
Hakim, H. M., Surgeon	30
Hall, G. T.	114, 132
——, H.	22
——, W. T.	9, 158
Hallett, C. H.	8, 36
——, H. H. H., Lieut.-Col.	6
Halliday, F. M., Hon'ble	61, 156
Hamer, C. F.	110, 134
Hamid Bukth Mazumdar	46
——, Maulavi Muhammad	48
Hamilton, R. H.	8
——, W. A., Revd.	52
Hammond, H. A., Lieut.-Col.	8
Hanby, H. T.	110, 126
Hankin, A. C.	8
Hare, E. D.	70
Hari Lakshman Indurkar	5
Haridhan Bandhopadhay	6
Harington, H. N. V., Surgeon	82, 100
Harris, C. V.	35
——, C. W.	40
——, G. F. A., Surgeon-Major	59
——, T.	76
Harrison, H.	78
Hartigan, E. R., Lieut.	39
Hartnoll, H. S.	14, 160
Harvey, P. S.	37
Hassan Ali Khan Nawub Mirza	94
Hastings, E. S.	38
——, W., Capt.	68
Hatherell, W. G., Lieut.	40
Hawkes, R. B.	35
Heath, A. E.	44
——, H. A.	57
Heaviside, W. J., Lt.-Col.	102, 136, 177
Henderson, C., Surgeon	7
——, P. D., Col.	92
——, P. E., Capt.	44
Hendley, T. H., Surgeon-Major	82, 97
Hennessy, R. L.	8
——, S. H.	3, 6
Henniker, F. C.	46, 161
Henvey, F.	84, 154
Herbert, C., Capt.	76
Hertz, H. F.	37
——, W. A.	22
Hewetson, E.	74
——, J.	13, 162
Hewett, J. P.	1, 158, 163
Hickie, J.	112, 130
Hickson, G. B., Surgeon-Major	29
Higgins, J. J.	7
Higgs, J. A.	116, 140
Hilderbrand, A. H.	11
Hill, E. P. S.	114, 140
——, H. S.	38
——, J., Major	104, 140, 182
——, W., Col.	74
Hira Lal	142, 146, 203
Hittu Ram, Rai Bahadur	92
Hla Baw	20
—— Bu	20
—— Paw Zan, Maung	19
Hlaing, Maung	24
Hlwa, Maung	22
Hmo, Maung	21, 25
Hmum, Maung	25
Hobday, J. R., Bt. Major	106, 136, 191
Hobson, C.	37
Hodgkinson, G. J. S.	9, 155
Hodgson, G. B., Lieut.	106, 122, 194
Hodson, R. G.	27
Hogg, F. R.	153
——, T. W., Col.	26
Holdich, T. H., Bt. Lieut.-Col.	104, 123, 180
——, H. F. Lieut.	39
Holland, H. F., Lieut.	39
Hopkins, C. P., Revd.	34
Hordern, P.	27
Hornby, J.	4
Horst, H.	104, 140, 183
Hough, A. L.	15
Houghton, B.	14, 162
Howell, A. P.	2, 64, 153
Huggins, P. G., Capt.	35
Hughes, A. D., Dr.	53
——, B. R.	118, 134
——, T. W. H.	142, 144, 200
——, W. G., Col.	10
Hume, T., Surgeon-Major	56
Huri Gopal Padhyea	5, 6
Hurry, A. E.	13, 160
Hurst, J.	8
Hussein Moulvie Mahomed	5
Hutcheson, G., Surgeon-Major	59, 167
Hutchinson, H. S., Lieut.-Col.	104, 130, 187

I

IMPEY, L., Lieut.	80
Ingle, W. A.	92
Inman, H. J.	23
Inoddin, Maung	28
Ireland, W. DeC.	10
Irwin, A. M. B.	12, 158
——, G. R.	63, 158
Ishan Chunder Patranavis	46
Ismay, S.	3, 156

J

JACKSON, E. J.	104, 132, 190
——, F. H., Lieut.-Col.	78
——, H. M., Capt.	106, 136, 194
Jacob, H. B., Col.	6
——, S.	156
James, A. J.	110, 134
——, H. E. M.	156
——, S. H.	61, 156, 170
Jameson, T. D.	34
Jang Lalu, Revd.	53
Jarbo, G. W.	112, 128
Jardine, A. J. A.	35
Jarrett, H. S., Col.	59, 61, 170
Jayakar, A. S. G., Surgeon-Major	90, 98
Jenkins, T. M., Major	12
Jessop, W.	58
Jia Lal Pundit	76
Jiban Rai	47
Joachim, Maung	20
Johannes, T.	23
John, O. B. C. St., Colonel Sir	76
Johnson, T. G., Lieut.	14
——, W. E.	118, 126
Johnstone, H., Surgeon-Major	28
——, J., Col. Sir	42

	Page
Jones, E. J.	142, 146, 202
——, G. E. W.	18
——, J., Revd.	52
——, J. P. Revd.	53
——, O. W., Apothy.	56
——, T. J., Revd.	52, 53

K

Ka, Maung	19
Kailas Chunder Dathi	6
Kaketi, Lakshmi Nath	48
Kalathi, Maung	38
Kali Ram Chaudri	47
—— Tha, Maung	20
Kashinath, Kasho Thakur	5
Kaung Baw, Maung	21
Kavasjee, Jamasjee Badshah	159
Kaye, E. S. G.	35
Kazi, Muhammed Asalam Khan	63
——, Syud Ahmed	63
Keary, H. D., Lieut.	38
Keating, J.	116, 128
Keefer, W. N., Surgeon-Major	58, 166
Keegan, D. F., Surgeon-Major	88, 96
Keelan, H. E. T.	108, 140
Kelly, F. W.	106, 128, 193
——, W. M.	114, 130
Kennedy, C. G. M., Lieut.	45
——, J.	43, 157
——, J. M.	116, 136
Kenny, R. J. S.	23
Kesheo Rao, Jey Krishna	72
Ket, Maung	22
Khan, Ashik Ali Mahomed	58
——, Hyder Ali	66
——, Mahomed	5
——, Nawab Mirza Hossan Ali	94
——, Rám Gopál	46
——, Yasin Mahomed	68, 70
——, Yar Ahmed	92
Kiernander, A. D.	37
Kilawala, M. J.	30
Kin, Maung	19, 22
King, C. D., Revd.	53
——, D. A.	110, 140
——, L. W.	84, 88
——, S. H.	72
——, W.	142, 144, 199
——, W. L.	158
Kirkby, M., Revd.	34
Kisch, H. M.	156
Kishen Sing	142, 146, 203
Kitchen, A.	114, 132
——, F.	110, 136
——, H. T.	112, 134
Knight, G. A.	114, 134
Knowlys, H. B.	68
Knox, E.	33
Ko, Maung	20
Kraal, C. S.	116, 126
Krishna Charan Chaudhuri	48
—— Rao	4
Ku, Maung	25
Kumar, Kala P.	32
——, Shree Harbanj Rawaji	66
Kutti, Maung	23
Kwe, Maung	24
Kyaw Gaing, Maung	24
—— Maung, E.	24
—— Zau U, Maung	21
—— Zaw, Maung, T. D M.	21, 23
Kye, Maung	23
Kyi, Maung	24
Kyngor, U Sati	53
Kynoch, G. C.	9

L

Lace, J. H.	92
Laggatt, B. C.	55
Laha, L. M.	32
Lahiri, Hari Mohun	50
Lake, P.	142, 146, 202
——, W. A. E.	35
Lalla Choka Nand	92
Lamb, R. A.	13, 162
Lambert, M., Revd.	7
Lancy, W. G. de	34
Lan Ya, Maung	18
Lane, C. T., Lieut.-Col.	56, 57
Lang, J. L.	18
Lat, Maung	21, 23, 25
LaTouche, J. J. D.	10, 155
——, T. D.	142, 144, 202
Laurie, L. K.	3, 157
——, H. M.	4, 161
Law, C. W.	26
——, J. M.	35
——, V. E., Lieut.-Col.	94
Lawrence, W. R.	159
Lawrie, E., Surgeon-Major	64, 97
Lawson, A. M.	108, 130
Lea, R.	46
Leahy, A. W. D., Surgeon	90, 99
Lee, C. G.	118, 130
Leggat, B. C.	55
Legrave, W. H.	32
LeMesurier, H.	46, 161
Lightfoot, S. St. C.	22
Lima, E.	8
Litchfield, R. F., Col.	34
Little, C., Surgeon-Major	56
——, E. G.	110, 128
Littlewood, H. R.	108, 128
Lloyd, C. E.	36
Loch, H. F., Lieut.	38
——, J. H., Dy. Surgeon-General	6, 7
——, W., Major	80
Logan, R.	155
Longe, F. B., Capt.	106, 132, 191
Lowdell, C. G. W., Surgeon	88, 100
Lowis, C. C.	17, 161
Lowis, J.	26, 34
Lu, Maung	21, 27
—— Hla, Maung	21
—— Tha, Maung	22
Lucas, G.	90
Ludlow, E. S., Lieut.-Col.	68
Lugale Gyi, Maung	21
Lugard, H. J., Col.	2
Lugyi, Maung	19
Lun, Maung	24, 25
——, Maung Maung	22
——, Bye Maung	25
Luttman-Johnson, H.	42, 155
Lyall, C. J.	42, 155
——, J. B., Hon'ble	153
Lyon, P. C.	45, 160
Lyons, A.	19

M

MacDonald, D., Colonel	102, 124, 175
——, F. W. P., Lieut.	84
——, K. C.	37

	Page
MacDonald, T. R., Surgeon	26
MacDonnell, A. P.	1, 155, 163
MacDougall, J. W., Lieut.-Col.	2
MacEwen, R. S. T.	26
MacGeorge, H. J.	2
MacGill, R.	57, 72
Macintyre, D. C. F., Lieut.	53
MacIver, I., Capt.	92
Mack, R. A.,	22
Mackay, D. L. M.	13, 157
Mackenzie, A.	1, 154
———, K. J. L., Col.	68
———, P. G., Surgeon-Major	58, 167
———, R. J. H. L.	106, 134, 197
Maclean, N. E. L.	8
Macleod, D. G.	26
Macnabb, D. J. C., Lieut.	17
Macnamara, J.	23
———, J. W. U., Surgeon	50, 51
Macpherson, J. M.	61, 170
———, W., Hon'ble	153
Macrae, J. K.	10
Madras, S. O.	112, 123
Magrath, H. M. S., Lieut.-Col.	74
Maidment, F., Surgeon	30
Malgong, Garo	53
Mallet, F. R.	142, 144, 200
Man, E. H.	57
——, Maung	38
Marks, J. E., Revd.	34
Marriott, A. B. W.	8
Marsden, E.	55
———, J. C., Surgeon	55
Martelli, N. C., Major	80
Martin, C., Col.	86
———, D. N., Surgeon-Major	7
———, E. J.	114, 123
———, F. W.	24
———, R.	35
Martindale, A. H. T.	92, 161
———, C. S. deB., Lieut.	14
Martini, E.	36
Martyr, P. H.	17
Mashiat Ulla, Munshi	48
Mason, M. C., Revd.	52
Mathews, H. M. S.	16
Maung, Maung	19, 27
Maxwell, F. D., Lieut.	15
———, H. St. P., Capt.	43
Mayne, R. G.	35
Mazumdar, Sarut Chunder	47
McA'Fee, C. H.	110, 123
McCabe, R. B.	43, 158
McCullagh, J. R., Major	104, 134, 185
McDermott, B. K. S.	15
———, J. P., Surgeon-Major	30
McDonald, H.	20
McDonnell, R. G.	37
McDougall, E. A. W. G.	37
McGill, G. A.	108, 123
McGuire, J. D.	8
McHatton, J.	112, 126
McIver, C. W.	8
McKay, H. K.	
McLeod, G. E.	43
McMinn, C. W.	2, 154
McMullen, G. R., Capt.	39
McNair, W. W.	110, 134
McNaught, J., Apothy.	52
McNeill, D., Colonel	7
McRae, Lieut.-Col., A. R. T.	82
McMaung	21
Meade, M. J., Capt.	94
Mealin, C. B.	22
Mehdi Husen	5
Mehinick, T. G., Revd.	34
Meiklejohn, D. O.	2, 6, 156
Melitus, P. G.	44, 159
Melvill, P. J., Lieut.	90
Mercer, J. D.	35
Meres, W. F.	25, 162
Metcalfe, T. J. M.	58
Middlemiss, C. S.	142, 146, 202
Midwinter, W. C.	11
Miles, S. B., Col.	78
Millar, E.	24
Miller, A. A. St. C.	37
———, E. W. C. H., Col.	3, 6
Mills, T. J. J.	118, 134
Min Naing Maung	25
Misorri, K. N., Surgeon	30
Mitchell, A. P.	6
———, T. C.	13, 157
———, W. M., Apothy.	7
Mittra, G. C., Asst. Surgeon	20
———, Jaichandra	48
Mo, Maung	19, 20
Mockler, E., Lieut.-Col.	90
Moffat, E. W. D.	57
Mohamad Ashik Ali Khan	58
Molesworth, E. H., Capt.	58
Molloy, E. H.	35
Mon, Maung	27
Money, G. E., Capt.	80
Montgomery, C. W. E.	4, 161
———, W. J., Asst. Apothy.	56
Moodley, S. P. M., Apothy	33
Moore, F. W.	118, 126
———, P. H., Revd.	52
———, R.	18
Mora Ganesh Khare	5
Moran, J. J., Surgeon	56
More, C. J. F.	47
Moreshwur Rao	4
Morison, W. T.	13, 162
Morris, A. H.	8
———, J. G., Capt.	68, 70
Moula Bux	5
Moultrie, J. E.	18
Mozumdar, R. C.	58
Mra U, Maung	18
—— Tha Dun, Maung	19
Muir, A. M., Capt.	66
———, W. J. W., Lieut.-Col.	84
Mukerji, B. N., Asst. Surgeon	31
———, Jiban Kristo	49
———, Jivan Chandra	6
———, Kanti Chandra	47
———, Nripendra Chandar	84, 91
———, T. N.	210
Mullane, J., Surgeon	44, 50
Mullen, D. F., Surgeon	82, 97
———, T. F., Surgeon-Major	82, 90, 97, 98
Mumford, E. G.	36
Munro, A. W.	21
———, C. A., Col.	34
———, G. H.	23
Munshi, O. L., Asst. Surgeon	30
———, Ajudhia Pershad	72
Murphy, J.	114, 128
———, J. H.	118, 128
———, M., Apothy.	7
Murray, A. W. S.	66
Muspratt, E.	54
Mya, Maung	23
Myat Min, Maung	19
—— Nyein, Maung	21
—— U, Maung	20
—— Pu, Maung	18
—— Tun Aung, T. D. M.	22

	Page
Myit, Maung	24
Myo, Maung	38

N

	Page
Nag, Jagat Bandu	47
Nailor, R. H., Apothy.	33
Najmul Hossein Ahmad	47
Nandi, Chandra Nath	46
Nayler, H. P. T.	14, 160
Naylor, C. G. R.	30
———, F. A.	8
Ne Dun, Maung	23
Nedham, W. A.	3
Neighbor, R. E., Revd.	52
Neill, J. W.	2, 155
——, L.	1, 155
Nethersole, W.	3, 158
Newill, Major J. H.	80
Newland, A. G. E.	30
———, J.	112, 134
Newman, J. H., Surgeon-Major	76, 99
Newmarch, L. S., Lieut.	92
Ney Elias	94
Nga Me Gri, Moung	27
Ngwe Kaing, Moung	19
Nicholetts, H. S.	68
Nisbet, F. C.	23
Nizam-ud-Din Hassan Khan, Maulavi Mahomed	56, 68, 70
Noble, G. J.	8
Noetling, F.	142, 146, 202
Norman, C.	116, 134
———, S. F.	116, 134
Norris, J F., Hon'ble	168
Norton, D.	12, 157
Noyce, W. F.	22
Noyes, W. C., Revd.	33
Nyaik Kye, Moung	27
Nyein, Maung	24
Nyo, Maung	20
Nyun Maung	25

O

	Page
Obbard, R.	68, 157
O'Beirne, H.	4, 161
O'Donel, J. H.	110, 128
O'Donnell, H., Lieut.	38
O'Donoghue, C. J.	35
O'Dowda, R.	36
Ogh, Maung	18
Ogle, J.	108, 123
O'Kinealy, J., Hon'ble	154
Oldham, R. D.	142, 144, 202
Olive, J. W.	35
On Gaing, Maung	19, 24
——, Pe	21
—— Thi, Moung	25
Orchard, F. S.	37
O'Sullivan, W. J.	110, 138
Ottley, T.	36
Owen, C. W., Surgeon	92, 96

P

	Page
Pa, Moung	27, 28
Pa Ha, Moung	27
Pal, Prem Chand	49
Pan Byu, Maung	19
—— Nyo, Southey	21
Pank, P. D., Surgeon	8, 98
Parbati Charn Roy Chaudhri	48
Parker, G. E.	114, 140
———, C. H.	34
Parrott, B. A. N., Capt.	12
Parsu Ram Khand	47
Partridge, T. D. O., Dr.	51
Patranavis Ishan Chunder	46
Patterson, W. H.	106, 132, 193
Paul, G. C., Hon'ble	58
——, J. C.	30
——, P. G.	30
——, M. R.	33
Paw, Maung	20, 24
—— Din, Moung	27
—— Nyun, Maung	25
—— Shan, Maung	24
—— Tha, Maung	24
—— Tun, Maung	20
Pe, Maung	18, 19, 20, 21, 22, 23, 24
— Gyi, Maung	20
Peacock, E.	33
———, H. P., Col.	78
Pears, T. C., Capt.	82
Peat, W. S., Lieut.-Col.	86
Pedler, H. P.	36
Peet, H. J., Lieut.-Col.	42
Peile, S. C. F., Capt.	38
Pelly, S. H.	41
Pemberton, J. S.	108, 126
———, W. W., Col.	10
Penrose, E. R., Capt.	76
———, W. H.	114, 136
Pereira, J. F.	20
Perkins, N. C., Lieut.	16
Perreau, J. C.	35
Pet, Maung	18
Peters, P. A.	114, 140
Petheram, W. C., Hon'ble Sir	168
Petre, F. L.	94, 157
Peychers, H. W.	108, 123
Phanidhar Chaliha	48
Phillips, A.	58
———, E. G., Revd.	53
———, F. A. T.	3, 159
———, J., Lieut.	40
Pho U.	26
Pigot, J. Q., Hon'ble	168
Pinhey, A. F., Lieut.	80, 84
Plant, W. C., Col.	9
Playfair, H. A.	8
Plowden, C. H., Col.	2
———, G. T. C.	36
———, H. M., Sir	1
———, R. C.	92
———, T. J. Chichele	88, 155
Po, Maung	18, 20
— An, Maung	20
— Bye	21
— Byu, Maung	20
— Gyok	24
— Gywet	21
— Han, Maung	18
— Hla, Maung	20, 24
— Ka, Moung	21, 23
— Key, R. L. H.	32
— Kin, Maung	20
— Kya, Moung	27
— Kyaw, Moung	32
— Maung, Maung	21, 27
— Mya Maung	25
— Myit, Moung	20
— Ni, Maung	22
— Nwe, Moung	27
— Nyun, Maung	17

	Page
Po, O, Maung	19
— Pe, Moung	21
— Sa, Maung	23
— Saw, Maung	21, 25
— Swe, Maung	24
— Tha, Moung	25
— Thien Maung	24
— Thaik, Maung	20
— Thaung, Moung	21
— Thein, Maung	22
— Thet, Maung	24
— Thin, Moung	21
— Tin	21
— Tok, Moung	22, 25
— Tun, Maung	21
— U, Maung	25
— Yin, Maung	25
— Yauk, Maung	21
Pockett, W.	36
Pocock, L. J.	110, 132
Pollen, W. H., Lieut.	106, 140, 194
Pon Maung	25
Ponnaka, Maung	22
Pope, R. B.	44, 159
——, T. A.	106, 124, 197
Porteous, A.	44, 159
Porter, E. W.	20
——, P. J.	36
——, W. N.	15
Portman, M. V.	58
Potter, C. D.	112, 134
Powell, F. B.	113, 138
Powlett, P. W., Col.	78
Poynder, J. L., Surgeon	7
Prance, H. C.	36
Pratt, J. J., Surgeon	88, 100
Prendergast, C. M.	36
Prendergast, General Sir H. N. D	55, 74
Prentie, J., Asst. Apothy.	7
Price, W., Surgeon	30
——, C. H.	72
——, W. C.	110, 124
Prideaux, W. F., Lieut.-Col.	99
Priest, H. H.	3, 156
Primrose, A. J.	43, 157
Prinsep, H. T., Hon'ble	153
Pritchard, A. B., Lieut.	17
——, C. H., Lieut.	92
Prithiram Chaudhuri	49
Proby, D. G.	8
Prunty, P. F.	114, 134
Pu, Maung	18, 19, 24
— Le, Maung	24
Pugh, L.	58
Pullan, A., Col.	102, 134, 178
Punjah, A. R.	50
Purandhar Das Chaudhuri	49
Purshotam Rao Narayen, Rao Bahadur	56
—— Rao Narayen, Rao Bahadur	79
Pyat, Maung	19
Pyi, Maung	18

Q

Quayle, W. A., Surgeon	7
Quinton, J. W., Hon'ble	61, 156

R

Rabi Chandra Sarma	49
Rae, H. W.	36
Raghonath Rao	5
Raikes, F. D., Capt.	12
Rainey, R. M., Lieut.	39
Rajkumar Mozumdar	44
Ramaswamy Iyangar	151
Rambhaji Rao Mahadik	4
Ram Chandra Dhar	49
Ramkhe Garo	52
Ram Krishna Rao	5
Rampini, R. F., Hon'ble	162
Ramsay, H. L., Capt.	88
——, Lieut. J.	84
Rangiah, C.	4
Rankhu, Garo	53
Rao, C. Shama	66
——, D. Sham	151
—— D. Appu	151
—— M. S. Narain	151
Ratneswar Goswami	49
Rattigan, W. H.	1
Ravenshaw, C. W., Capt.	94
Rawlings, A. E.	22
Rawlins, T. W.	154
Ray, Atul Chandra	52
Reid, F. L.	76
Reilly, E. W., Surgeon	27
Rendell, T. H.	110, 123
Rennick, H. DeP., Lieut.-Col.	68
Renny Tailyour, T. F. B., Lt.	106, 136, 197
Repton, H. M., Col.	2
Revenburg, S. D., Revd.	53
Rey, F. L.	37
Reynolds, E. S., Col.	92
Rice, W. G. L.	13, 159
Richardson, D. L.	21
——, E.	26
——, W. F.	37
Richie, D. W.	54
Rickard, T., Revd.	34
Ricketts, M. P., Col.	2
Ripley, F.	22
Robert, W.	112, 134
Roberts, A. W., Lieut.-Col.	80, 86
——, J., Revd.	52
Robertson, D., Major	74
——, P. J. C.	90
Robinson, W. H. B.	51
Roe A. C.	1, 162
——, R. B., Surgeon-Major	56
Rogers, C. J.	205
——, F. A. Surgn.,	30
——, M. W., Major	104, 138, 182
——, R. C.	37
Romanis, R.	41
Ross, D.	16
——, D. R., Surgeon	90, 97
——, C. E., Col.	90
——, Grace, P.	6
Row, J. P., Revd.	53
Roy, M. N., Asst. Surgeon	31
Rundle, C. S., Surgeon	29
Rustomji Furdoonji	60
Rutherford, Lieut.-Col. J.	150, 151
Ryall, E. C.	106, 136, 192

S

Sa, Maung	24
Sadler, J. H., Capt.	75
Sahibzada Mahomed Wahi-ud-din	86
Saing, Maung	23, 25
Salmon, A., Revd.	34
——, W. A., Lt.-Col.	78
San, Da Lok Maung	20
——, Do Aung Maung	19
—— Dwa, Maung	21, 27

	Page
San Hla Baw, Maung	18
——, Min Maung	25
—— On, Maung	23
—— Pe, Maung	22
—— Shin, Moung	22
—— U, Maung	24
—— Ya, Maung	23, 18, 19
—— Ye, Moung	20
—— Yin, Moung	22
—— Wamang	18
Sanatan Shome	53
Sanayal, Kedar Nath	47
Sandeman, J. E., Lieut.-Col.	102, 128, 179
——, R. G., Col. Sir	92
Sanigal, H. C., Asst. Surgeon	31
Sanyal, D. N., Asst. Surgeon	31
Sarfas, A. E. T.	18
Sarkar, Sirischandra	80
Sarkies, S. C., Surgeon	27
Sarut Chandra Majumdar	41
Saunders, A. L.	1, 3, 160
——, C. J.	37
Savi, W. B.	54
Saw Hla Pru, Maung	18
Schœffer, E.	58
Sclater, W. L.	209
Scoble, A. R., Hon'ble	61, 170
Sconce, J., Col.	102, 122, 173
Scott, E. G.	33
——, G. B.	106, 138, 195
——, J. G.	16
——, J. R.	112, 140
——, T. A., Col.	3
Se, Maung	25
Segrave, H. W.	35
Seagrim, C.	8
Sedgefield, A. R. W., Surgeon	82, 94
Sein, Maung	20, 24
Seit, Maung	25
Sen, Chandra Kanta	48
Sen, Dakshina Charan	48
——, Jagat Bundhu	44
——, Nava Kishor	50
——, P. C.	26
——, Ramesvar	44
——, Rasik Lal	48
Senior, R. W.	116, 134
Serrao, P. J.	118, 134
Serres, C. H.	36
——, G. C.	35
Sewell, J. T. B. D.	57
Seyers, C. W. F.	114, 132
Shadun Chundra Rai	47
Shams-ud-din Ali, Khan Bahadur	66, 68, 70
Shanker Madho Chitnavis	4
Shaung, Maung	19
Shaw, A. T. A.	14, 160
——, G. W.	13, 159
——, T.	112, 130
Shewan, G. Surgeon	29
Shiva, Pôn Maung	24
Shore, R., Surgeon	90, 97
Shrikishan Narhar	70
Shriram Bhikaji Jatar	56
Shirres, L. P.	162
Shwe, Maung	23
—— Aung, Maung	21
—— Baw, Maung	21
—— Bu, Maung	18, 22
—— Bwin, Maung	19
—— Da, Maung	20
—— Daik, Maung	21
—— Gaung, Maung	22, 25
—— Go, Maung	18
—— Gyè, Maung	19
Shwe Gyok, Maung	20
—— Hman, Maung	19, 27
—— Hnya, Maung	27
—— Ku, Maung	18
—— Kyin, Maung	35
—— Kyu, Maung	20
—— Mya, Maung	21
—— Naw, Maung	15
—— O, Maung	19
—— On, Maung	18
—— Paw U., Maung	20, 21
—— Pe, Maung	18
—— Po, Maung	19
—— Saing, Maung	22
—— Thin, Maung	38
—— Wa, Maung	24
—— Waing, Maung	18, 21
—— Yi, Maung	24
—— Zin, Maung	19, 20
Silock, A., Surgeon	7
Simeon, J.	28
Simon, J.	28
Simpson, B., Surgeon-General, Sir	59, 165
——, R. A.	37
Sin, Maung	19, 25
Sinclair, D., Surgeon-Major	26, 28
Sing, Chutter, Rai Bahadur	40
Singh, Gurdat, Munshi	86
——, Hira, Rai Bahadur	118, 132
——, Lalla Kishen	142, 146, 203
——, Kumar Lachman	80
——, Sambhu Narayan	46
——, Sirdar Ratan	8
Sinkinson, E. J.	155
Siram, Pastor	52, 53
Sircar, Dwarka Nath	7
Skilling, W. V.	118, 128
Skinner, E. S.	23
——, J. A. C.	4, 5, 161
Skipton, H. P. K.	8
Sly, F. G.	4, 161
Smart, A. B.	118, 130
——, A. W.	114, 128
——, O. D.	116, 126
——, P. C. H.	116, 126
——, R. B.	110, 130
Smeaton, D. M.	9, 10, 155
Smith, J.	118, 128
——, J. M., Lieut.	63
Smylie, S. M.	108, 123
Smyth, T. W.	1, 154
Snadden, W. G.	35
So, Maung	20
Son Shin, Maung	25
Soppitt, C. A.	9, 16
Spearman, H. R., Lieut.-Col.	10
Spence, H.	8
Spencer, D. B., Surgn.	7
——, L. D., Surgeon-Major	82, 96
——, P. B., Surgeon	26
Stanbrough, H. E.	4
Stedman, E., Brig. Genl.	34
Steel, E. H., Lieut.-Col.	104, 126, 186
Steevens, A. W.	20
Steinberg, A. F.	45, 159
Stephens, C. L., Revd.	53
Sterling, G. C. B.	20
Stevenson, G.	43, 156
——, R. C.	15
Stone, A. E., Revd.	34
Stotesbury, W.	110, 123
Stowell, F. S.	35
——, J. A.	1
Strachan, J. M., Right Revd.	33
Strahan, C., Major	102, 124, 176

	Page
Strahan, G., Lieut.-Col.	102, 136, 174
Strangways, M. W. F.	3, 160
Stratton, W. C. R., Lieut.	80
Street, C. W., Col.	9
Strickland, W. A. W., Lieut.	16
Strover, G. A., Col.	10
Stuart, N. B.	37
———, R. H.	8
Su Ban, Maung	16
Suraj Kaul Pandit, Rai Bahadur	92
——-, Narain Pandit	70
Surma Konok Nath	49
Swaine, C. L., Surgeon	30
Swiney, G. C.	112, 140
———, J. S.	112, 128
Syed Shams-ud-din Ali Khan Bahadur	66, 68, 70
Symes, E. S.	9, 157
Symington, A.	23
Szczepanski, H. C. A., Col.	68

T

Tailyour-Renny, T. F. B.	106, 136, 197
Taing, Maung	17
Talbot, A. C., Major	90
Tanner, H. C. B., Col.	102, 134, 177
Tapsell, C.	112, 130
Tarléton, G. W.	36
———, W. H.	36
Tate, G. P.	116, 134
Taw Pen, Maung	28
Taw Sein Kho	41
Tawney, J. W.	3, 155
Taylor, D. G. O., Lieut.	17
Tein, Moung	25
Temple, E., Col.	82
———, H. M., Capt.	92
———, J. A., Lieut.-Col.	2
———, R. C. Capt.	13, 26
Tennant, C. C., Lieut.	26
Tennon, W.	160
Tet, Maung	24
—— Ka Pru, Maung	20
—— Kaing, Maung	18
—— To, Maung	19
Teunon, W.	45
Tha, Aung	25
—— Bu, Maung	24
—— Bwe, Maung	25
—— Bwin, Maung	20
—— Din, Maung	19
—— Do Pyu, Maung	21
—— Doon, Maung	17
—— Dowe, Maung	17
—— Dun, Maung	20
———— Aung, Maung	20
———— U, Maung	19, 21, 27
—— E, Maung	25
—— Maung, Gyaw	21
—— Hla, Maung	24
—— Hlaing, Maung	25
—— Hmôn, Maung	19
—— Kin, Maung	19
—— No, Maung	18
—— Nu	32
—— Nyo, Maung	19
—— Tu	21
—— Zan, Maung	24
Tha, Zan U, Maung	24
Thaw, Maung	20
The, Maung	19
Thein, Maung	21, 25
Thipthorpe, C., Apothy.	7

	Page
Thomas, G. T., Surgeon-Major	29
———, J., Revd.	47
———, R. M. B., Lieut.-Col.	2
Thompson, H.	87
Thomson, A.	15, 161
———, R. G.	157
———, G.	6
Thornhill, H. M., Capt.	57
———, W. H. Surgeon-Major	29
Thornton, A. P., Major	66
Thu Taw U, Maung	38
Thuillier, H. R., Col.	102, 122, 173
Thurston, J. N. O.	16
Tighe, M. A., Lieut.	66
Tilly, G.	37
——, H. L.	15
Tin Gyaw, Maung	21
Todd, H.	110, 134
——, J.	108, 130
——, R.	114, 134
——, W.	108, 134
Tok Gyi, Maung	18, 25
Tonnerre, L. E. Fabre	54
Tonnochy, V. C., Capt.	39
Torrens, C. P.	112, 136
Tottenham, L. R., Hon'ble	153
Towang, Garo	53
Townsend, E. C., Lieut.	17
Travers, A. de La	41
Tremlett, J. D.	1, 153
Trevelyan, E. J., Hon'ble	168
Trevor, G. H., Col.	76
———, H.	41
Trimbak Rao, Nilkant Deshmuk	5
———, Sathe	5
Tritton, Lieut. C.	17
Tu, Maung	16
Tucker, A. H.	36
———, A. L. P.	64, 162
———, H. St. G.	10, 155
Tul Sing, M. B.	4
Tully, E.	30
Tun, Maung	23, 27
—— Aung, Maung	18
—— Gywe, Maung	24
—— Hla, Moung	24
—— Lwin, Maung	23
—— Min, Maung	21
—— Nyein, Maung	19
—— Tha, Moung	24
—— U, Moung	24
—— Win, Maung	21
Tun Ye, Maung	24
Tuoddin, Maung	25
Tupp, A. C.	154
Tuson, F. E.	57
Tweedie, W., Col.	90
Twomey, D. H. R.	14, 160
Tydd, W. B.	22

U

Upton, R. L.	59

V

Vaillant, A. L.	26
Vanderbeck, G.	114, 126
Vasudeo, Balal Kher	4
Vaurenen, J. A., Lieut.	41
Venning, F.	2, 155
Vertue, W., Col.	8
Vincent, H. A., Major	86

	Page
Vishnu, Daji	5
——, Moreshwar Mahajani	56
——, Sadasee	70
Vishwanath, Narain Dandekar	72
Vishwanadham Moodliar	72
Vittal Rao	4
Vyall, W. E.	108, 140

W

Wa, Maung	23
Wace, Col. E. G.	55
Wahab, R. A., Capt.	106, 134, 192
Waing, Maung	25
Wainright, E. A.	112, 132
Walker, W., Depy. Surgn.-Genl.	59, 165
Wall, R.	29
Waller, W. B.	54
Walsh, E. P.	113, 126
Walter, C. K. M., Col.	76, 78
Walton, H. P.	36
Waman Narrayan Bapat	72
——, Rao	5
Ward, H. C. E., Col.	2
——, W. E.	25
Warde, F. E.	113, 132, 154
——, H. N., Lieut.	16
Warwick, R. F.	116, 126
Waterhouse, J., Lieut.-Col.	102, 104, 124, 181
Watson, G. H., Capt.	39
Webb, W. W., Surgeon	82, 98
Wedderburn, F. E. K.	55, 74
Weidemann, G. L.	11, 156
Weir, C. J.	161
Wells, F. H.	37
——, H., Apothy.	32
Westland, J.	154
White, H. T.	9, 158
——, P.	116, 130
Whiting, E. B.	37
——, F. S.	37
Whiteside, W. S., Hon'ble	61, 161
Whitwell, R. R. A., Surgeon	51
Wight, J. K.	43, 156
Wilkie, Dr., Surgeon-Major	59, 166
Wilkins, W. H., Col.	102, 126, 179
Willcocks, J. O' F., Revd.	7
Williams, F. St. C.	4
——, F. T., Lieut.	14
——, H. C.	42, 53, 156
——, W., Revd.	53
Willmot, R., Dr.	6
Willson, J.	50
Wilmer, J. R., Lieut.-Col.	104, 140, 186
Wilson, A., Hon'ble	168
——, A. J.	108, 123
——, B. M.	116, 124
——, C. W.	114, 132
——, D.	15, 161
——, F. A., Lieut.-Col.	84
——, J. H.	112, 136
——, T. C.	3, 160
——, W. A.	108, 130
Wimberley, R.	58
Wingate, A.	162
Witter, W. E., Revd.	53
Wo, Maung	21
Womack, A. S.	3, 160
Wood, C.	108, 123
——, G. G. S.	118, 140
——, T. W.	34
Wood-Mason, J.	209
Woodthorpe, R. G., Col.	104, 140, 189
Woodward, J. A., Lieut.	40
Wright, F.	57
——, F. W., Surgeon	29
Wyatt, A. G.	108, 136
Wylie, H., Lieut.-Col.	84
Wyllie, W. H. C., Major	82

Y

Yado Madho Rao	5
Yan Gyi Aung	25
Yan Hmu, Maung	32
—, Shin, Maung	19
Yar Mahomed Khan	70
Yate, C. E., Major	94
Ye Bya, Maung	19
Yeik, Maung	25
Yesdiar, R. Viccaji	57
Yin Ma, Maung	23
Young, A. T., Lieut.	40
——, W.	6
Yule, J. H., Major	86
Yusaf Sharif, Khan Bahadur	118, 123

Z

Zu, Maung	19

List of Civil Officers holding gazetted appointments under the Government of India in the Home Department, as it stood on the 1st July 1888.

Names.	Appointments.	Salaries and Allowances per mensem		
	SECRETARIAT.	*R*	*a.*	*p.*
Mr. A. P. MacDonnell, M.A., C.S., C.S.I.	Secretary	4,000	0	0
„ J. P. Hewett, C.S. . .	Under-Secretary	1,300	0	0
„ J. A. Stowell, U.C.S. .	Registrar, Home Dept. . . .	700	0	0
	PUNJAB.			
	Judicial.			
Sir H. M. Plowden, *Barrister-at-Law.*	Judge, Chief Court, Punjab . .	3,500	0	0
Mr. R. T. Burney, C.S., *Barrister-at-Law.*	Ditto ditto	3,500	0	0
„ J. D. Tremlett, M.A., C.S., *Barrister-at-Law.*	Ditto ditto	3,500	0	0
„ T. W. Smyth, M.A., C.S., *Barrister-at-Law.*	Ditto ditto. (*On furlough for 1 year and 6 months, from 29th April 1888.*)			–
„ A. C. Roe, B.A., C.S. .	Officiating ditto	2,500+1,000	0	0
„ W. H. Rattigan, M.A., Ph.D, D.C.L., *Barrister-at-Law.*	Officiating ditto	3,500		
„ J. Frizelle, C.S. . .	Officiating ditto	2,250+1,250	0	0
	CENTRAL PROVINCES.			
	Chief Commissioner.			
Mr. A. Mackenzie, B.A., C.S., C.S.I.	Chief Commissioner	4,666	10	8
	Secretariat.			
Mr. Lindsay Neill, C.S. . .	Secretary to Chief Commissioner. (*Officiating Commissioner, Nagpur Division.*)	2,750	0	0
„ A. H. L. Fraser, C.S. .	Junior Secy and Director of Land Records and Agriculture. (*Offg. Commissioner, Chhattisgarh Division.*)	2,416	10	8
„ F. C. Anderson, C.S. .	Commissioner of Excise. (*Offg. Secy. to Chief Commissioner.*)	1,733	5	4
„ A. L. Saunders, C.S. .	Under-Secretary	800	0	0
„ C. E. B. Critchley, U.C.S. .	Assistant Secretary. (*On leave on medical certificate for 1 year and 3 months, from 3rd August 1887.*)	*540	0	0

* Pay rises from R500 to R700 per mensem.

Names.	Appointments.	Salaries and Allowances per mensem.
	CENTRAL PROVINCES—*contd.*	R a. p.
	JUDICIAL COMMISSIONER.	
Mr. R. J. Crosthwaite, C.S. .	Judicial Commissioner . . .	3,166 10 8
	COMMISSIONERS.	
	4 Commissioners, at R2,750 each.	
1. Mr. A. P. Howell, M.A., C.S.	Commr. (*Nerbudda Division.*) (*Offg. Resident, Hyderabad.*)	2,500+1,000+1,000
2. „ J. W. Neill, C.S. .	Ditto, Jubbulpore Division.	
3. „ F. Venning, C.S. .	Ditto, Nagpur Division. (*On furlough.*)	
4. „ J. W. Chisholm, U.C.S.	Ditto. (*Chhattisgarh Division.*) (*On furlough.*)	
	DEPUTY COMMISSIONERS.	
	1st Class, 4 at R1,833-5-4 each per mensem.	
1. Col. M. P. Ricketts, B.S.C. .	(*Offg. Commr., Nerbudda Division*) .	+500+250 5 4
2. Col. C. H. Grace, M.S.C. .	Nagpur.	
3. Mr. C. W. McMinn, C.S. .	Damoh.	
4. Col. H. C. E. Ward, B.S.C. .	Services placed at the disposal of the Government of India in the Foreign Department as Minister of the Bhopal State.	
	2nd Class, 5 at R1,666-10-8 each per mensem.	
1. Col. A. Bloomfield, B.S.C. .	Narsingpur. (*Dy. Commr., 1st Class,* sub. *pro tem.*)	+160 10 8
2. „ H. M. Repton, B.S.C. .	Chhindwara. (*Offg. 1st Class*) . .	+166 10 8
3. „ C. H. Plowden, M.S.C. .	Hoshangabad.	
4. „ H. J. Lugard, M.S.C. .	(*On furlough.*)	
5. Mr. H. J. MacGeorge, U.C.S.	Chanda.	
	3rd Class, at R1,333-5-4 each per mensem.	
1. Col. T. H. B. Brooke, M.S.C.	(*On furlough.*)	
2. Lieut.-Col. J. W. Macdougall, M.S.C.	(*On furlough.*)	
3. Lieut.-Col. J. A. Temple, B.S.C.	Betul. (*Offg. 2nd Class,* Sub. *pro tem.*)	+333 5 4
4. Lieut.-Col. R. M. B. Thomas, B.S.C.	(*On privilege leave.*)	
5. Lieut.-Col. W. S. Brooke, B.S.C.	Saugor. (*Offg. 2nd Class*) . . .	+333 5 4
6. Col. T. W. Hogg, B.S.C. .	Mandla. (*Offg. 3rd Class*) . . .	1,266 10 8
7. Mr. D. O. Meiklejohn, C.S. .	Bilaspur. (*Offg. 3rd Class*) . .	1,155 8 11

NAMES.	APPOINTMENTS	SALARIES AND ALLOWANCES PER MENSEM.
	CENTRAL PROVINCES—*contd.*	₹ a p.
	DEPUTY COMMISSIONERS—*contd.*	
	4th Class, 4 at ₹1,000 each per mensem.	
1. Mr. J. W. Tawney, C.S.	Bhandara. (*Offg. 2nd Class*)	+444 7 1
2. Col W. Vertue, M.S.C.	(*On special leave*)	
3. „ T. A. Scott, B.S.C.	Wardha. (*Dy. Commr., 3rd Class*, Sub. *pro tem.*)	+333 5 4
4. Mr. T. E. Ellison, C.S	(*On furlough.*)	
	ASSISTANT COMMISSIONERS.	
	1st Class, 3 at ₹800 each per mensem.	
1. Col. E. W. C. H. Miller, M.S.C.	(*On furlough.*)	
2. Aulad Husen, Khan Bahadur, C.I.E., C.C.S.	Mandla. (*Settlement Officer, 2nd Grade.*)	1,000 0 0
3. Mr. J. P. Goodridge, C.S.	(*On furlough.*)	
	2nd Class, 5 at ₹700 each per mensem.	
1. Mr. W. A. Nedham, U.C.S.	Seoni. (*Offg. Depy. Commr., 4th Class*)	900 0 0
2. „ S. H. Hennessy, U.C.S.	Nagpur. (*Offg. Judge, S. C. Court*)	900 0 0
3. „ S. Ismay, *Barrister-at-Law*, C.S.	Jubbulpur. (*Depy. Commr., 4th Class*, Sub. *pro tem.*)	1,000 0 0
4. „ L. K. Laurie, C.S.	Nagpur. (*Offg. Commr. of Excise, &c.*) *Privilege leave for 3 months, from 19th April 1888.*	700+333
5. „ L. Gordon, U.C.S.	Kamptee (*Offg. Judge, S. C. Court*)	900 0 0
6. „ W. Nethersole, *Barrister-at-Law*, C.S.	(*On privilege leave*)	700 0 0
	3rd Class, 5 at ₹600 each per mensem.	
1. Mr H. H. Priest, C.S.	Sambalpur. (*Offg. Dy. Commr., 4th Class.*)	866 10 8
2. „ F. A. T. Phillips, C.S.	Nimar. (*Offg. Dy. Commr., 4th Class*)	866 10 8
3. „ A. C. Duff, C.S.	Nagpur. (*Offg. Commr. of Excise*)	1,000 0 0
4. „ L. S. Carey, C.S.	Raipur. (*Settlement Officer, 2nd Grade*)	1,000 0 0
5. „ M. W. Fox Strangways, C.S.	Jubbulpur. (*Settlement Officer, 3rd Grade.*)	800 0 0
	SUPERNUMERARY ASSISTANT COMMISSIONERS.	
1. Mr. A. L. Saunders, C.S.	Nagpur. (*Under-Secy. to Chief Commr.*)	800 0 0
2. „ A. S. Womack, C.S.	Raipur. (*Offg. Dy. Commr., 4th Class*)	833 5 4
3. „ T. C. Wilson, C.S.	Damoh. (*Settlement Officer, 3rd Grade*)	800 0 0
4. Syad Ali Mahomed, N.C.S.	Seoni. (*Offg. Asst. Commr., 2nd Class*)	448 0 0
5. Mr. R. H. Craddock, C.S.	Balaghat. (*Offg. Dy. Commr., 4th Class.*)	833 5 4
6. „ H. A. Crump, C.S.	Jubbulpur. (*Offg. Asst. Commr, 2nd Class.*)	700 0 0

Names.	Appointments.	Salaries and Allowances per mensem.
	CENTRAL PROVINCES—*contd.*	R a. p.
	Supernumerary Assistant Commissioners—*contd.*	
7. Mr. J. A. C. Skinner, c.s.	Nagpur. (*Offg. Registrar, Judl. Commr.'s Court.*)	800 0 0
8. Shanker Madho Chitnavis, N.C.S.	Hoshangabad. (*Offg. Asst. Commr., 3rd Class.*)	384 0 0
9. Mr. H. V. Drake Brockman, c.s.	Saugor	450 0 0
10. „ H. M. Laurie, c.s. .	Nagpur	400 0 0
11. „ Hugh O'Beirne, c.s. .	Jubbulpur	400 0 0
12. „ C. W. E. Montgomery, c.s.	Hoshangabad	400 0 0
13. „ F. G. Sly, c.s. . .	Sambalpur	400 0 0
14. „ C. R. Cleveland, c s. .	Raipur	400 0 0
	Extra Assistant Commissioners.	
	5th Grade, 3 at R600 each per mensem.	
1. Mr. F. St. Clair Williams .	Hoshangabad. Harda.	
2. „ Biresar Dat, Rai Bahadur	Jubbulpur. (*Offg. Judge, S. C. Court.*)	
3. Bapu Rao Patwardhan Rao Sahib.	Nagpur.	
	4th Grade, 7 at R500 each per mensem.	
1. Mr. Rai Debi Pershad .	Bhandara.	
2. „ Nobin Chandra Banerji	Betul.	
3. „ Grish Chandra .	Bilaspur.	
4. „ Vasudeo Balal Kher .	Narsingpur.	
5. „ C. Rangiah . .	Nagpur.	
6. „ Rai Bhogchand .	Hoshangabad.	
7. „ Moreshwar Rao .	Wardha.	
	3rd Grade, 13 at R400 each per mensem.	
1. Mr. M. B. Tul Singh .	Narsingpur.	
2. „ J. Hornby . .	Hoshangabad.	
3. „ H. E. Stanbrough .	Saugor.	
4. „ Bhargo Rao . .	Sambalpur.	
5. „ Rambhaji Rao Mahadik	Nagpur. (*Manager, Court of Wards' Estates.*)	
6. „ Vittal Rao . .	Saugor.	
7. „ Dadaji Jaiwant .	Bhandara.	
8. „ Balkrishna Martand Samarth.	(*On privilege leave for 3 months, from 11th April 1888.*)	
9. „ Parshotam Das .	Bilaspur. (*Settlement Officer*) . .	500 0 0
10. „ Ganpat Rao Shrikandi	Mandla.	
11. „ W. N. de'Lang .	Nagpur. (Sub. *pro tem.*)	
12. „ Krishna Rao . .	Jubbulpur.	
13. „ P. M. Greany . .	Burhanpur. (*Nimar District.*)	
14. „ K. M. Anderson .	Nimar. (Sub. *pro tem.*)	

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	CENTRAL PROVINCES—*contd.*	*R a. p.*
	EXTRA ASSISTANT COMMISSIONERS—*contd*	
	2nd Grade, 8 at R300 each per mensem.	
1. Mr. Waman Rao . .	Wardha.	
2. „ Balwant Rao Manday	Bilaspur.	
3. „ Huri Gopal Padhye .	Raipur. (*Offg. Inspector of Schools.*)	
4. „ Ghulam Mustaffa .	Chanda.	
5. „ Balwant Rao Gadgil .	(*Supdt., Kawardha Feudatory State.*)	
6. „ Mohan Chandra Chatterji.	Damoh.	
7. „ Mehdi Hussen .	Chhindwara.	
8. „ Ganpat Rao Gokle .	(*Dewan of Baster Feudatory State.*)	
9. „ Balaji Bhikaji Pinge .	Raipur. (Sub. *pro tem.*)	
	1st Grade, at R250 each per mensem.	
1. Mr. Yado Madho Rao .	(*On foreign service.*)	
2. „ Kashinath Kesho Thakur, M.A., LL.B.	Nimar.	
3. „ Trimbak Rao Sathe .	(*On foreign service.*)	
4. „ Dori Lall . .	Asst. Settlement Officer . . .	300 0 0
5. „ A. Barclay . .	(*On privilege leave.*)	
6. „ Durga Pershad .	Nagpur. (Sub. *pro tem.*)	
7. „ Trimbak Rao Nilkant Deshmukh.	Raipur. Ditto.	
8 „ Raghonath Rao .	(Sub. *pro tem.*) (*on foreign service*).	
9. „ Hari Lakshman Indurkar.	Sambalpur. (Sub. *pro tem.*)	
10. „ Hurrisch Chunder Bose	Jubbulpur. Ditto.	
	OFFICIATING EXTRA ASSISTANT COMMISSIONERS.	
1. Mr. Debi Pershad . .	Sambalpur	250 0 0
2. „ Moulvi Mahomed Hussein.	(*On six months' sick leave*)	
3. „ Mora Ganesh Khare .	Raipur	250 0 0
4. „ Moula Bux . .	Wardha	200 0 0
5. „ Mahomed Khan .	Narsingpur	250 0 0
6. „ V Damodhar . .	Jubbulpur	250 0 0
7. „ Vishnu Daji . .	Balaghat	250 0 0
8. „ Ram Krishna Rao .	Bilaspur	250 0 0
9. „ W. Bagley . .	Chanda	200 0 0
	JUDICIAL.	
Mr. J A. C. Skinner, C.S. .	Registrar, Judl. Commr.'s Court, Nagpur.	800 0 0
„ F. C. Anderson, C.S. .	Inspector-General of Registration, &c. (*Offg. Secy to Chief Commr.*)	1,200+533
„ A. C. Duff, C.S. . .	(*Offg. Inspector-General of Registration, &c.*)	1,000 0 0

Names	Appointments	Salaries and Allowances per mensem R a. p.
	CENTRAL PROVINCES—*contd.*	
	Judicial—*contd.*	
Lieut.-Col. T. W Hogg .	Judge, Small Cause Court, Nagpur. (*Offg. Depy Commr., 3rd Class.*)	1,000 0 0
Mr. S. H. Hennessy . .	(*Offg. Judge, Small Cause Court, Nagpur*)	900 0 0
„ D.O. Meiklejohn, C.S. .	Judge, Small Cause Court, Jubbulpur. (*Offg. Depy. Commr., 3rd Class.*)	800 0 0
„ Biresar Dutt, Rai Bahadur	(*Offg. ditto.*) . . .	800 0 0
„ T. Drysdale . . .	Cantonment Magistrate, Kamptee. (*On furlough.*)	1,000 0 0
„ L. Gordon . . .	(*Offg. ditto.*)	
Lieut.-Col. H. H. H. Hallett .	Cantonment Magistrate, Jubbulpur.	
Lieut. F. H. B. Commeline .	In charge of Office of Cantonment Magistrate, Saugor.	
	Jails.	
Lieut.-Col M. M. Bowie .	Inspector-General of Jails . . .	1,800 0 0
„ H. H. H. Hallett .	Supdt., Central Jail, Jubbulpur . .	1,000 0 0
Dr. R. Willmot . . .	Supdt., Central Jail, Nagpur. (Sub. *pro tem.*)	700 0 0
	Education.	
Mr. C. A. R. Browning, M.A., U.C.S, C.I.E.	Inspector-General	1,500 0 0
Col. H. B. Jacob, B.O. S.C. .	Inspector of Schools, 3rd Grade, *Southern Circle.*	1,000 0 0
Mr. G. Thompson, B.A., U.C.S.	Ditto ditto, 3rd Grade. (*Leave on medl. certificate*)	
„ J. Elliott, U.C.S. . .	Ditto ditto, 4th Grade. *Northern Circle* (*Offg 3rd Grade.*)	800 0 0
„ Hari Gopal Padhya, B.A., U.C.S.	(*Offg. 4th Grade.*) (*Eastern Circle*) .	400 0 0
	High School and College, Jubbulpur.	
Mr. W. Young . . .	Principal	700 0 0
„ J. H. Firth . . .	Professor of Mathematics . . .	360 0 0
„ Kailas Chunder Datt .	Ditto of Sanscrit	230 0 0
„ Jivan Chunder Mookerji, M.A.	Ditto of Physics	180 0 0
„ Haridhan Bandhopadhay, M.A.	Professor	170 0 0
„ A. P. Mitchell . .	Supdt., Male Normal School, Jubbulpore	*300 0 0
Miss Grace P. Ross . .	Lady Supdt., Female Normal School . (Sub. *pro tem.*)	150 0 0
	Medical.	
Deputy Surgn.-Genl. J. H. Loch, M.D.	Deputy Surgeon-General . . .	1,800 0 0
Brigade-Surgn. J. F. Barter .	Civil Surgeon, Nagpur . . .	1,093 2 0
Surgeon-Major P. Cullen, M.D.	Ditto, Nimar . . .	1,093 2 0
„ J. B. Gaffney .	Ditto, Saugor . . .	950 0 0

* Pay rises from R200 to R300.

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
		R *a.* *p.*
	CENTRAL PROVINCES—*contd.*	
	MEDICAL—*continued.*	
Surgeon-Major B. Evers, M.D.	Civil Suageon Raipur . . .	1,050 0 0
„ B. Franklin .	Ditto, Jubbulpur . . .	850 0 0
„ D. N. Martin, M.D.	Ditto, Sambalpur . . .	750 0 0
„ Girdharilal Ratanlal Daphtari, M.D.	Ditto. (*On furlough.*)	
„ H. K. McKay .	Ditto. (*On furlough.*)	
Surgeon W. A. Quayle, M.D. .	Ditto, (*leave on medical certificate*).	
„ J. L. Poynder .	Ditto, Chhindwara . .	550 0 0
„ Cecil Henderson .	Ditto, Hoshangabad . .	550 0 0
Dhanjibhai Burjorji Spencer .	Ditto, Betul	550 0 0
Alexander Silcock, M.B . .	Ditto, Bilaspur . . .	550 0 0
Apothecary C. Thipthorpe .	Ditto, Wardha . . .	700 0 0
Senr. Apothy. W. M. Mitchell	Ditto, Narsingpur . . .	350 0 0
Asst. Apothy. E. P. Clements	Ditto, Balaghat . . .	350 0 0
Apothy. M. Murphy . .	Ditto, Mandla . . .	350 0 0
Asst. Apothy. W. Croyden .	Asst. to Civil Surgeon, Jubbulpur .	110 0 0
„ J. Prentie .	Ditto ditto, Nagpur . .	200 0 0
	SANITARY.	
Deputy Surgn.-Genl. J. H. Loch, M.D.	Sanitary Commissioner . . .	1,800 0 0
	ECCLESIASTICAL.	
Revd. M. Lamert, M.A., B.C.L. .	Senior Chaplain, Jubbulpur. (*On furlough for 2 years.*)	800 0 0
„ T. D. Gray, M.A. .	Ditto, Nagpur. (*On privilege leave.*)	800 0 0
„ E. M. Beasley, B.A. .	Ditto, Saugor. (*On furlough*)	800 0 0
„ J. O'F. Willcocks, M.A. .	Junior Chaplain, Kamptee . . .	500 0 0
	POLICE.	
Col. M. M. Bowie, M.S.C. .	Inspector-General	1,800 0 0
	District Superintendents, 1st Class, 2 at R1,000 each per mensem.	
1. Mr. J. J. Higgins, U.C.S. .	Chanda.	
2. Col. H. Fraser, *M. Cavalry*	Chhindwara.	
	2nd Class, 2 at R800 each per mensem.	
1. Col. D. McNeill, M.S.C. .	(*On privilege leave.*)	
2. Mr. J. C. Duff, U.C.S. .	Ditto ditto.	

Names.	Appointments.	Salaries and Allowances per mensem.
	CENTRAL PROVINCES—*concld.*	*R a. p.*
	Police—*contd.*	
	3rd Class, 3 at R700 each per mensem.	
1. Lieut.-Col. H. A. Hammond, M.S.C.	(*On six months' leave.*)	
2. Mr. R. H. Hamilton, U.C.S	Jubbulpur. (*Offg. 2nd Class*) . .	800 0 0
3. „ A. B. W. Marriott, U.C.S.	Nagpur.	
	4th Class, 5 at R600 each per mensem.	
1. Mr. G. J. Noble, U C S. .	Wardha. (*Offg. 3rd Class*) . . .	700 0 0
2. „ F. A. Naylor „ .	Sambalpur. Ditto. . .	700 0 0
3. Sirdar Ratan Singh „ .	Raipur.	
4. Mr. F. E. Coles „ .	Bhandara.	
5. „ A. H. Morris . .	Betul.	
	5th Class, 6 at R500 each per mensem.	
1. Mr. H. R. Stuart, U.C.S. .	Hoshangabad. (*Offg. 4th Class*) . .	600 0 0
2 „ A. C. Hankin . .	(*On special duty in the Inspector-General's Office.*)	700 0 0
3. „ R. L. Hennessy .	Balaghat.	
4. „ D. G. Proby . .	Seoni.	
5. „ H. A. Playfair .	Mandla.	
6. „ H. P. K. Skipton .	Bilaspur.	
	Assistant District Superintendents, 1st Grade, 2 at R300 each per mensem.	
1. Mr. C. W. McIver .	Nimar. (*Offg. Dist. Superintendent*) .	500 0 0
2. „ N. E. L. Maclean .	Saugor. Ditto ditto . .	500 0 0
	2nd Grade.	
1. Mr. H. Spence . .	Asst. Dist. Supdt., Narsingpur. (*Offg. Dist. Superintendent.*)	450 0 0
2. „ C. Seagrim . .	(*On six months' leave*) . . .	250 0 0
3. „ H. Hallett . .	Ditto, (*Transferred on promotion to Burma.*)	
4. „ J. G. J. Duff . .	Ditto, Hoshangabad . .	250 0 0
5. „ T. C. Fenton, U.C.S. .	Wardha. (Sub. *pro tem.*) . . .	250 0 0
6. „ T. Garlah . .	Ditto, B Class, Raipur . .	250 0 0
7. „ J. Hurst . .	Ditto, ditto, Damoh. (*Offg. Dist. Superintendent.*)	450 0 0
8. „ E. Lima . .	Ditto, ditto, Jubbulpur .	250 0 0
9. „ Dina Nath . .	Ditto, ditto, Saugor .	250 0 0
10. „ Aderjee Shapurjee .	Ditto, ditto, Nagpur .	250 0 0
11. „ J. D. Meguire .	Offg. ditto, Jubbulpur .	241 0 0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA.				
	Chief Commissioner.				
1 Sir C. H. T. Crosthwaite, B.C.S., K.C.S.I.	Chief Commissioner		5,166	10	8
		Sumptuary allowance	500	0	0
		Total .	5,666	10	8
2. Mr. C. A. Soppitt, U.C.S., .	Personal Assistant to the Chief Commissioner.		450	0	0
	Secretariat.				
1. Mr E. S. Symes, B.C.S., C.I.E.	Chief Secretary to the Chief Commissioner. (*On furlough to Europe for 18 months, from 17th April 1887.*)				
2. „ D. M. Smeaton, M.A., B.C.S.	Commissioner, Central Division, U. B. (*Offg. Chief Secretary to the Chief Commissioner.*)		2,500	0	0
3. „ H T. White, B.C.S. .	Secretary to the Chief Commissioner,		1,500	0	0
4. „ G. C. Bayne, B.C.S. .	Under-Secretary to the Chief Commissioner.		1,000	0	0
5. „ F. C. Gates, B.C.S. .	Under-Secretary to the Chief Commissioner. (*On privilege leave for 3 months, from 14th June 1888*)		1,000	0	0
6. „ A. S. Fleming, B.C.S.	Assistant Commissioner, 2nd grade, (Offg. Under-Secretary to the Chief Commissioner.)		700	0	0
		Acting allowance	200	0	0
		Total .	900	0	0
7. „ G. C. Kynock, U.C.S.	Assistant Secretary		*800	0	0
	Revenue Department.				
1. Mr. F. W. R. Fryer, B.C.S.	Financial Commissioner . . .		3,000	0	0
	Commissioners (8).				
1. Col. C. W. Street, M.S.C. .	(*On furlough for one year and 63 days on private affairs from 23rd March 1888*)				
2. Mr. G. J. S. Hodgkinson, B.C.S., C.S.I.	Rangoon, Pegu Division		2,500	0	0
		Travelling allowance	250	0	0
		Total .	2,750	0	0
3. Col. W. C. Plant, M.S.C. .	Moulmein, Tenasserim Division .		2,500	0	0
		Travelling allowance	250	0	0
		Total .	2,750	0	0

* Pay R600—800.

Names.	Appointments.	Salaries and Allowances per mensem.	₹	a.	p.
	BURMA—*contd.*				
	Commissioners—*contd.*				
4. Mr. G. D. Burgess, B.C.S.	(*On furlough for 2 years, from 23rd February 1888*).				
5. „ H. St. G. Tucker, B.C.S.	Pyinmana, Eastern Division, U. B. .		2,500	0	0
		Travelling allowance	250	0	0
		Total .	2,750	0	0
6. „ W. de C. Ireland, B.A., LL.D., U.C.S.	(*On furlough for 2 years, from 8th January 1888.*)				
7. „ J. J. D. LaTouche, B.C.S.	Minbu, Southern Division, U. B. .		2,500	0	0
		Travelling allowance	250	0	0
		Total .	2,750	0	0
8. „ D. M. Smeaton, M.A., B.C.S.	Rangoon, Central Division. (*Offg. Chief Secretary to Chief Commissioner.*)		2,500	0	0
	Deputy Commissioners (27).				
	1st Grade, 5 at ₹1,833-5-4 each per mensem.				
1. Col. G. A. Strover, M.S.C.	Offg. Commr., Northern Division Mandalay. .		1,833	5	4
		Acting allowance	500	0	0
		Travelling allowance	250	0	0
		Total .	2,583	5	4
2. Col. W. W. Pemberton, M.S.C.	Amherst District, Moulmein.				
3. Mr. J. K. Macrae, U.C.S. .	Hanthawaddy District, Rangoon.				
4. Col. W. G. Hughes, M.S.C.	(*On furlough for 9 months and 18 days, from 9th August 1887.*)				
5. „ H. R. Spearman, B.S.C.	Offg. Commr., Irrawaddy Division, Bassein, from 1st March 1888.		—1,833	5	4
		Acting allowance	500	0	0
		Travelling allowance	250	0	0
		Total .	2,583	5	4
	2nd Grade, 5 at ₹1,666-10-8 each per mensem:				
1. Mr. H. Buckle, U.C.S.	Offg. Commissioner, Arakan Division, Akyab, from 2nd March 1888.		1,666	10	8
		Acting allowance	555	8	10
		Travelling allowance	250	0	0
		Total .	2,472	3	6

Names	Appointments.	Salaries and Allowances per mensem.	₹ a. p.
	BURMA—*contd.*		
	Deputy Commissioners—*contd.*		
	2nd Grade, 5 at ₹1,666-10 8 each per mensem—continued.		
2. Col. M. Furlong, M.S.C.	Moulmein Town. (*Offg. 1st Grade*)		1,666 10 8
		Acting allowance	166 10 8
		Total .	1,833 5 4
3. Major J. Butler, B.S.C. .	Henzada District. (*Offg 1st Grade*)		1,666 10 8
		Acting allowance .	166 10 8
		Total .	1,833 5 4
4. Mr. C. E Gladstone, B.C.S	(*On furlough for 18 months, from 1st May 1887*)		
5. Major C. B. Cooke, M.S.C.	Mandalay.		
	3rd Grade, 8 at ₹1,333-5-4 each per mensem.		
1. Mr. G. L. Weidemann, B.C.S.	Prome. (*Offg. 2nd Grade, from 1st August 1886.*)		1,333 5 4
		Acting allowance .	333 5 4
		Total .	1,666 10 8
2. Lieut.-Col. G. Alexander, B.S.C.	Shwegyin. (*Offg. 2nd Grade, from 17th February 1888*).		1,333 5 4
		Acting allowance .	333 5 4
		Total .	1,666 10 8
3. Mr. C. J. A. Duke, U.C.S.	(*On furlough for 1 year, from 6th January 1888.*)		
4. „ W. C. Midwinter, U.C.S.	Toungoo. (*Offg. 2nd Grade, from 4th April 1887.*)		1,333 5 4
		Acting allowance .	333 5 4
		Total .	1,666 10 8
5. „ A. R. Birks, B.A., *Barrister-at-Law*, B.C.S.	Bassein. (*Offg. 2nd Grade, from 1st March 1888. On privilege leave for 3 months.*)		
6. „ A. H. Hildebrand, C.I.E., U.C.S.	Fort Stedman, Superintendent of Shan States. (*Offg. 2nd Grade, from 2nd March 1888*).		1,333 5 4
		Acting allowance .	333 5 4
		Deputation allowance	300 0 0
		Total .	1,966 10 8

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	R	a.	p.
	BURMA—*contd.*				
	DEPUTY COMMISSIONERS—*contd.*				
	3rd Grade, 8 at R1,333-5-4 each per mensem—contd.				
7. Major C.A. Cresswell, M.S.C.	Akyab		1,333	5	4
8. „ C. H. E. Adamson, M.S.C.	(*On furlough for one year and 173 days, from 5th June 1888*).				
9. Mr. D. Norton, B.C.S.	Rangoon Town. (*Supernumerary.*)				
	4th Grade, at R1,200 each per mensem.				
1. Capt. B. A. N. Parrott, M.S.C.	Mergui. (*Offg. 3rd Grade*) . .		1,200	0	0
		Acting allowance .	133	5	4
		Total .	1,333	5	4
2. Mr. K. G. Burne, U.C.S.	Thayetmyo. (*Offg. Deputy Commissioner, 3rd Grade, from 1st August 1886.*)		1,200	0	0
		Acting allowance .	133	5	4
		Total .	1,333	5	4
3. Capt. F. D. Raikes, Bo. S.C., C.I.E.	Chindwin. (*Offg. Commissioner, Central Division, from 28th February 1888.*)		1,200	0	0
		Acting allowance .	1,000	0	0
		Travelling allowance	250	0	0
		Total .	2,450	0	0
Mr. F. S. Copleston, B.C.S.	*Supernumerary.* (*On furlough for 10 months, from 6th April 1888.*)				
4. „ A. R. Colquhoun, U.C.S.	Ruby Mines. (*Offg. 3rd Grade*) .		1,200	0	0
		Acting allowance .	133	0	0
		Total .	1,333	5	4
5. Major W. F. H. Grey, B.S.C.	Myingyan. (*Offg. 3rd Grade*) . .		1,200	0	0
		Acting allowance .	133	5	4
		Total .	1,333	5	4
6. Major T. M. Jenkins, M.S.C.	(*On furlough for 1 year and 6 months, from 26th March 1887.*)				
7. Mr. J. E. Bridges, B.C.S.	(*On furlough for 2 years, from 20th April 1888*).				
8. „ A. M. B. Irwin, B.C.S.	Pegu.				

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Deputy Commissioners—*contd.*				
	4th Grade, at R1,200 each per mensem—contd.				
Mr. H. Adamson, M.A., B.C.S.	Bassein. (*Settlement Officer, 1st Grade*)		1,200	0	0
		Allowance	450	0	0
		Total	1,650	0	0
9. „ D. J. A. Campbell, B.C.S.	Kyaukse.				
10. „ H. G. Batten U.C.S.	(*On furlough for 2 years, from 11th November 1887.*)				
11. Capt. G. S. Eyre, *Asso. Inst., Agri.*, B.S.C.	Pagan.				
12. Mr. G. W. Shaw, B.C.S.	Bhamo.				
13. „ H. L. Eales, B.C.S.	(*On furlough for 1 year and 6 months, from 17th February 1888.*)				
14. „ R. A. Lamb, BO. C.S.	Ye-u. (*Supernumerary.*)				
15. „ T. F. Fforde, U.C.S.	Sagaing. (Sub. *pro tem*).				
	Assistant Commissioners.				
	1st Grade, at R1,000 each per mensem.				
1. Mr. T. C. Mitchell, B.C.S.	Bassein		1,000	0	0
2. „ D. L. M. Mackay, B.C.S.	Rangoon Town, Assistant Magistrate, Rangoon Town District Cantonments		1,000	0	0
		Allowance	100	0	0
		Total	1,100	0	0
3. „ W. T. Morison, BO.C.S.	Mongwa, Lower Chindwin. (*Supernumerary Offg. Deputy Commissioner*).		1,000	0	0
		Acting allowance	200	0	0
			1,200	0	0
	2nd Grade, at R700 each per mensem.				
1. Capt. R. C. Temple, B.S.C.,	Mandalay, employed as Cantonment Magistrate.		1,000	0	0
2. Mr. John Hewetson, M.C.S.	Kyaukpyu. In charge of the District (*Offg. 1st Grade.*)		700	0	0
		Acting allowance	100	0	0
		Total	800	0	0
3. „ W. G. L. Rice, B.C.S.	Taungdwingyi. (*Offg. Deputy Commissioner, 4th Grade, from 9th March 1888, on privilege leave for 1 month and 15 days.*)				
4. „ A. E. Hurry, B.A., B.C.S.	(*Offg. Deputy Commissioner, 4th Grade. On privilege leave for 3 months, from 23rd April 1888.*)		700	0	0
		Acting allowance	333	5	4
		Total	1,033	5	4

Names.	Appointments.	Salaries and Allowances per Mensem.	R	a.	p.
	BURMA—*contd.*				
	Assistant Commissioners—*contd.*				
	2nd Grade, at R700 each per mensem—contd.				
5. Mr. A. S. Fleming, B.C.S.	(*Offg. Under Secretary to the Chief Commissioner.*)		700	0	0
		Acting allowance .	200	0	0
		Total .	900	0	0
6. „ H. P. Todd Naylor, B.C.S.	Thurrawaddy. (*Offg. Deputy Commissioner, 4th Grade, from 11th November 1887.*)		700	0	0
		Acting allowance .	333	5	4
		Total .	1,033	5	4
7. „ H. S. Hartnoll, B.C.S.	Minbu. (*Offg. 1st Grade, from 2nd August 1887.*)		700	0	0
		Acting allowance .	200	0	0
		Total .	900	0	0
8. Lieut. C. S. de B. Martindale, B.S.C.	Myadaung. (*Supernumerary District Officer.*)		700	0	0
9. Mr. B. Houghton, M.C.S.	Sandoway. (*Supernumerary.*) (*Offg. Deputy Commissioner, 4th Grade.*)		700	0	0
		Acting allowance .	333	5	4
		Total .	1,033	5	4
	3rd Grade, at R600 each per mensem.				
1. Mr. A. T. A. Shaw, B.C.S.	Pyinmana. (*Offg. 1st Grade, from 7th October 1887.*) *District Officer.*		600	0	0
		Acting allowance .	266	10	8
		Total .	866	10	8
2. „ N. G. Cholmeley, B.A., B.C.S.	Yaméthin. (*Offg. 1st Grade, from 17th October 1887.*) *District Officer.*		600	0	0
		Acting allowance .	266	10	8
		Total .	866	10	8
3. Lieut. T. G. Johnson, B.S.C.	Thôngwa. (*Offg. Deputy Commissioner, 4th Grade, from 20th October 1887.*)		600	0	0
		Acting allowance .	400	0	0
		Total .	1,000	0	0
4. Mr. D. H. R. Twomey, B.C.S.	Tavoy. (*Offg. 1st Grade, from 9th March 1888.*)		600	0	0
		Acting allowance .	266	10	8
		Total .	866	10	8

Names.	Appointments.	Salaries and Allowances per mensem	₹ a. p.
	BURMA—*contd.*		
	Assistant Commissioners—*contd.*		
	3rd Grade, at ₹600 each per mensem—contd.		
5. Mr. A. L. Hough, U.C.S.	Poungdeh		600 0 0
6. „ C. B. Bland, B.C.S.	Tantabin		600 0 0
	4th Grade, at ₹450 to ₹500 each per mensem.		
1. Mr. H. R. H. Coxe, B.C.S.	Rangoon. (*On special duty*)		500 0 0
2. Lieut. F. D. Maxwell, M.S.C.	Kyaukto. (*Offg. 2nd Grade, from 5th July 1887.*)		500 0 0
		Acting allowance	200 0 0
		Total	700 0 0
3. Mr. D. Wilson, M.A., B.C.S.	Thaton. (*Offg. 2nd Grade, from 8th November 1887.*)		500 0 0
		Acting allowance	200 0 0
		Total	700 0 0
4. „ A. Thomson, B.C.S.	(*On leave on urgent private affairs for 6 months, from 26th April 1888.*)		
5. „ Maung Ba Tu, K.S.M., N.C.S.	Myanaung		320 0 0
		Personal allowance	80 0 0
		Total	400 0 0
6. „ R. C. Stevenson, U.C.S.	Pokokku. (*On probation*)		475 0 0
7. „ W. N. Porter, U.C.S.	(*On probation.*) *On furlough for 9 months, from 11th February 1888.*		
8. „ H. I Tilly, U.C.S.	(*On furlough for 1 year, from 22nd May 1888.*)		
9. „ G. M. S. Carter, U.C.S.	*On special duty. Pagyi.* (*On probation.*)		450 0 0
		Special allowance	250 0 0
		Total	700 0 0
10. „ B K. S. McDermott, U.C.S.	Shwebo. (*On probation.*) District Officer.		450 0 0
		Special allowance	250 0 0
		Total	700 0 0
11. „ G. G. Collins, U.C.S.	Pagan. (*On probation.*) (*Offg. 2nd Grade, from 28th March 1888.*)		500 0 0
		Acting allowance	200 0 0
		Total	700 0 0

Names	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Assistant Commissioners—*contd.*				
	4th Grade, at R450 to R500 each per mensem—contd.				
12. Mr. H. M. S. Mathews, U.C.S.	Mandalay. (*On probation.*) (*Offg. 2nd Grade, from 29th March 1888*)		500	0	0
		Acting allowance .	200	0	0
		Total .	700	0	0
13. Lieut. G. E. T. Green, M.S.C.	Lengi. (*On probation*) . . .		450	0	0
14. Mr. S H. T. de la Courneuve, U.C.S.	Meiktila. (*Offg. 3rd Grade, from 8th March 1888.*) District Officer.		500	0	0
		Acting allowance .	100	0	0
		Special allowance .	100	0	0
		Total .	700	0	0
15. „ J. G. Scott, U.C S. .	Fort Stedman. (*On probation.*) Assistant Superintendent of the Shan States.		475	0	0
		Deputation allowance	150	0	0
		Total .	625	0	0
16. „ D. Ross, U.C.S. .	Kindat. (*On probation*) . . .		475	0	0
		Special allowance .	225	0	0
		Total .	700	0	0
17. „ J. S. D. Fraser, U.C.S.	Allanmyo. (*On probation*) . .		500	0	0
18. „ J. N. O. Thurston, U.C.S.	Taungdwingyi. (*On probation.*) District Officer.		475	0	0
		Special allowance .	168	12	0
		Total .	643	12	0
19. Lieut. L. E. Eliott, B.S.C.	Mogaung. (*Offg. 3rd Grade, from 28th March 1888.*)		500	0	0
		Acting allowance .	100	0	0
		Total .	600	0	0
20. „ J. J. Cronin, B.S.C.	Yandoon and Pantanow . . .		500	0	0
21. „ W. A. W. de Strickland, B.S.C.	(*On privilege leave for 3 months*) .		450	0	0
22. „ N. C. Perkins, B.S.C	Legayaing		450	0	0
23. Mr. C. A. Soppitt, U.C.S.	Rangoon. (*On probation.*) Personal Assistant to the Chief Commissioner.		450	0	0
24. Lieut. H. A. Browning B.S.C.	On special duty		475	0	0
25. Mr. E. C. S. George, B.C.S.	Pyawbwe		475	0	0
26. Lieut. H. N. Warde, B.S.C.	Pyinmana. (*On probation*) . .		500	0	0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Assistant Commissioners—*concld.*				
	4th Grade, at R450 to R500 each per mensem—concld.				
27. Lieut. W. Ayerst, M.A., Bo. S.C.	Thayetmyo. Assistant Cantonment Magistrate.		450	0	0
		Judge, S. C. court allowance .	100	0	0
		Total .	550	0	0
28. Mr. G. H. Barnard, U.C.S.	(*On probation.*) (*On privilege leave for 3 months, from 27th March 1888.*)		500	0	0
29. Lieut. E. C. Townsend, B.S.C.	Kyauktan. (*On probation*) . .		450	0	0
30. Mr. B. S. Carey, U.C.S. .	Mahlaing. (*On probation*) . .		500	0	0
31. Lieut. D. J. O. Macnabb, B.S.C.	Myinmu. (*On probation*) . .		475	0	0
32. Mr. S. P. H. Dyson, U.C.S.	(*On probation; under suspension for 6 months.*)				
33. Lieut. A. B. Pritchard, B.S.C.	Yewun and Kume. (*On probation*) .		475	0	0
34. ,, C. Tritton, Bo.S.C.	(*On probation.*) (*On leave on medical certificate for 6 months, from 17th March 1888.*)				
35. Mr. J. M. T. George, B.S.C.	*Not yet joined.*				
36. ,, C. C. Lowis, B.C.S. .	Rangoon. (*On special duty*) . .		450	0	0
37. Lieut. D. G. O. Taylor, Bo. S.C.	Pyapon		450	0	0
38. Mr. C. E. Daniell, U.C.S.	Pyuntaza. (*On probation*) . .		450	0	0
39. ,, Sanford Bere, U.C.S.	Myadaung. (*On probation*) . .		450	0	0
	LOWER BURMA.				
	Extra Assistant Commissioners.				
	1st Grade, 1 at R800 per mensem.				
1. Vacant.					
	2nd Grade, 1 at R700 per mensem.				
1. Maung Thadowe, A.T.M. .	Akyab.				
	3rd Grade, 3 at R600 each per mensem.				
1. Maung Taing . .	Toungoo, Oktwin.				
2. Mr. P. H. Martyr . .	(*On furlough for 2 years, from 11th April 1888.*)				
3. Maung Gyi . .	Amherst, Apaung.				

Names.	Appointments.	Salaries and Allowances per mensem.
	BURMA—*contd.*	
	Extra Asst. Commrs.—*contd.*	R a. p.
	4th Grade, 11 at R500 each per mensem.	
1. Maung Po, K.S.M.	Hanthawaddy, Insein.	
2. Mr. J. E. Moultrie	Bassein, Ngataingyaung.	
3. „ G. E. Godber	Akyab.	
4. Maung San Hla Baw	Akyab.	
5. „ Po	Toungoo, Kanyo.	
6. Mr. J. C. Clancey	Pegu. (*Employed as Supdt., Land Records.*)	
7. Maung Shwe Waing	Rangoon, Akunwun.	
8. „ Hmè, K.S.M.	Prome, Shwedaung.	
9. „ Gale	Tavoy.	
10. „ Shwe Ku	Tharrawaddy, Letpadan.	
11. „ Shwe Go	Shwegyin.	
	5th Grade, 11 (temporarily 12) at R400 per mensem.	
1. Maung Pu	Henzada, Myogwin.	
2. Mr. C. W. J. Ford	Bassein. (*Employed as Supdt. of Land Records.*)	
3. Maung Po Han	Pegu, Hlègu.	
4. „ Pet	Tavoy, Thayetchaung.	
5. „ Mya Pu	Tharrawaddy.	
6. „ Mra U	Akyab.	
7. „ Shwe Ôn	Tavoy.	
8. Mr. G. E. Wade-Jones	Pegu.	
9. Maung San Wa	Toungoo.	
10. „ An	Bassein.	
11. Mr. F. D. Broad	(*On probation.*) (*On privilege leave for 2 months, from 2nd June 1888.*)	
	6th Grade, 13 (temporarily 14) at R300 per mensem.	
1. Maung Shwe Bu	Tavoy, Western Township.	
2. „ Tun Aung	Tharrawaddy. North Tharrawaddy.	
3. „ Saw Hla Peu	Kyaukpyu, Ramree.	
4. „ Tök Gyi	Prome.	
5. „ San Ya	Amherst, Zathabyin.	
6. „ Ogh	Bassein, Myaungmya.	
7. Maung Pyi	Henzada.	
8. „ Pe	Thongwa, Pyapôn.	
9. Mr. R. Moore	Toungoo.	
10. Maung Tha No	Thayetmyo, Mindon.	
11. „ Tet Kaing	Minbya and Myohaung.	
12. „ Shwe Pè	(*On privilege leave for 3 months, from 9th April 1888.*)	
13. Mr. J. L. Lang	Pegu.	
14. „ A. E. T. Sarfas	Tavoy. (*On probation.*)	

Names.	Appointments.	Salaries and Allowances per mensem.
	BURMA—*contd.*	₹ a. p.
	Myoôks.	
	1st Grade, 13 at ₹250 each per mensem.	
1. Maung Tha Nyo .	Amherst, Pagat.	
2. „ Myat Min .	Amherst, Yelamaing.	
3. „ Pe . . .	Toungoo, Akunwun.	
4. „ Ba Gyaw . .	Pegu, Pagandaung.	
5. „ Shwe Hnya .	Kyaukpyu, Myebôn.	
6. „ Shwe Zin . .	Mergui, Akunwun.	
7. „ Tet To . .	Tharrawaddy, Northern Sub-Division.	
8. „ Mra Tha Dun .	Akyab, Kyauktaw.	
9. „ Shwe Po . .	Mergui, Palaw.	
10. „ Shwe Hman .	Kyaukpyu, Ramree.	
11. „ Sin . . .	Amherst, Mindôn, and Zaya.	
12. „ Pu . . .	Prome.	
13. „ Pyat . . .	Henzada.	
Mr. A. Lyons . . .	(*On special duty in the Secretariat.*)	
	2nd Grade, at ₹200 each per mensem.	
1. Maung Shwe O . .	Amherst, Gyaing, Attaran.	
2. „ Lugyi . . .	Hanthawaddy, Hlaing.	
3. „ Pan Byn . .	Toungoo, Yedashi.	
4. „ Shwe Po . .	Amherst, Moulmein, Akunwun.	
5. „ Tu . . .	Amherst, Balugyun.	
6. „ Shwe Bwin . .	Tharrawaddy.	
7. „ Pe . . .	Rangoon	Personal allowance ₹50.
8. „ Lugyi . .	Bassein Kyonpyaw.	
9. „ San Ya . .	Amherst, Wagaru.	
10. „ Shaung . .	Hanthawaddy, Rangoon, Akunwun .	Personal allowance ₹50.
11. „ Ôn Gaing . .	Prome, Paungdè	
12. „ Maung . . .	(*On leave on medical certificate for one year, from 3rd January 1882.*)	
13. „ Mo . .	Pegu, Kyauktan.	
14. „ Po O . .	Thayetmyo, Yataung.	
15. „ Ngwe Kaing .	Prome, Paungdè.	
16. „ Tha Kin . .	Hanthawaddy, Tunte.	
17. „ The . .	Prome, Mahathaman.	
18. „ San Do Aung .	Akyab, Rathedaung.	
19. „ Aung Zan . .	Thongwa, Maubin.	
20. „ Tun Nyein . .	Rangoon. (*On special duty in Secretariat.*)	
	3rd Grade, at ₹175 each per mensem.	
1. Maung Yan Shin . .	Salween, Papun.	
2. „ Tha Dun U .	Prome, Shwedaung.	
3. „ Hla Paw Zan .	Pegu, Akunwun.	
4. „ Yè Bya . .	Bassein, Ngaputaw.	
5. „ Tha Din . .	Thôngwa, Dedayè.	
6. „ Ka . . .	Amherst, Haungtharaw.	
7. „ Shwe Gyè . .	Mergui, Palaw.	

Names.	Appointments.	Salaries and Allowances per mensem.
		R a. p.
	BURMA—*contd.*	
	Myoôks—*contd.*	
	3rd Grade, at R175 each per mensem—contd.	
8. Maung Shwe Da	Prome, Thègôn.	
9. „ Po Kiu	Thayetmyo, Akunwun.	
10. „ Aung Ban	Akyab, Kyelet.	
11. „ Myat U	Toungoo, Kanni. (*On special duty.*)	
12. „ Po An	Moulmein, Akunwun.	
13. „ Joachim	Henzada, Zalun.	
14. „ Pô Thaik	Mergui.	
15. „ Chin Hlaw	Sandoway, Taungup.	
16. Mr. J. F. Pereira	Henzada.	
17. Maung Tha Bwin	Sandoway.	
18. „ Nyo	Shwegyin, Akunwun.	
19. „ Dwe	Thôngwa, Danubyu.	
20. „ Pe Gyi	Shwegyin, Thayethamein.	
21. „ San Da Lôk	Sandoway, Akunwun.	
22. „ Tha Dun	Hanthawaddy, Hmawbi.	
23. „ Kan Tha	Prome, Shwele.	
24. „ Shwe Zin	Shwegyin, Bilin.	
25. Mr. H. McDonald	Bassein.	
26. „ G. C. B. Sterling	Hanthawaddy. (*On probation*)	
27. „ E. W. Porter	Henzada.	
28. „ H. C. Cobham	Thôngwa, Maubin.	
29. Maung Hla Bu	Pegu.	
	4th Grade, at R150 each per mensem.	
1. Maung Ba	Bassein, Akunwun.	
2. „ Tet Ka Pru	Kyaukpyu.	
3. „ Thaw	Prome, Padaung.	
4. „ Ta Po	Hanthawaddy, Kungyangôn.	
5. „ Pe	Thôngwa, Pantanaw.	
6. „ Hla Baw	Bassein, Yegi.	
7. „ Ko	Bassein, Labutta.	
8. „ Shwe Paw U	Akyab, Myohaung.	
9. „ Po	(*On special duty. Interpreter to the ex-King of Burma at Ratnagiri.*)	
10. „ Shwe Gyôk	Prome. (Supdt. of Land Records).	
11. „ Sein	Rangoon. (*On special duty as Interpreter to the Chief Commissioner.*)	
12. „ Po Hla	Toungoo, Bônmadi.	
13. „ Shwe Kyu	Mergui, Tenasserim.	
14. „ Po Byu	Rangoon. (*On special duty in Secretariat.*)	
15. „ Po	Tharrawaddy, Gyobingauk.	
16. „ Tha Dun Aung	Tharrawaddy, Monyo.	
17. „ Po Myit	Akyab, East Writtaung.	
18. „ Aung Hla	Bassein, Lemythna	
19. „ Paw Tun	Tharrawaddy, Minhla.	
20. „ Byaung	Sandoway, Gwa.	
21. „ Mo	Shwegyin, Kyaukkyi.	
22. „ So	Amherst, Hlaingbwé.	

*Names	Appointments.	Salaries and Allowances per mensem.
		R a. p.
	BURMA—*contd*	
	MYOÔKS—*contd.*	
	4th Grade, at R150 each per mensem—contd	
23. Maung Kaung Baw	Thariawaddy, Tapun.	
24. „ Po Maung	Thôngwa, Wakamé.	
25. Mr. D. L. Richardson	Amherst. (*Offg*)	
26. Maung Myat Nyein	Thôngwa (Sub. *pro tem*) Asst. Settlement Officer.	
27. „ Thein	Rangoon. (Sub. *pro tem.*) Akunwun.	Personal allowance R75.
28. „ Chein	Bassein, Myaungmya. Demarcation Officer.	
29. Mr H. W. Godber	Minhla. (*On special duty*)	
30. Maung Kyaw Zin U	Akyab, Pônnagyun. (*Offg.*)	
31. „ Po Bye	Henzada. (*Employed as Supdt. of Land Records.*)	
32. „ Gyi	Henzada, Ôkpo. (*Offg*)	
33. „ Shwe Aung	Amherst, Thatôn. (*Offg.*)	
34. „ Shwe Mya	Kyaukpyu, (*Offg*) Akunwun.	
35. „ Po Gywet	Pegu, Payagale. (*Offg.*)	
36. „ Shwe Waing	(*On privilege leave for 1 month.*)	
37. „ Tha Do Pyu	Pegu. (Sub. *pro tem*) Asst. Settlement Officer.	
38. „ Tun Min	Shwegyin, Sittang. (*Offg.*)	
39. „ Po Yauk	Thayetmyo, Sinbaungwè. (*Offg.*)	
40. „ San Dwa	Bassein, Kangyidaung. (*Offg.*)	Personal allowance R50.
41. „ Shwe Ban	Thôngwa, Maubin. (*Offg.*) Akunwun.	
42. „ Ba Thaw	Thôngwa, Yandoon. (*On probation.*)	
43. „ Po Thaung	Rangoon. *Interpreter to the Chief Commissioner.*	
44. „ Po Thin	Thayetmyo, Kama.	
45. „ Tun Win	Henzada, Kyaugin.	
46 Pan Nyo Soutbey	Toungoo, Kyathaungdaung.	
47. Maung Tha Gyaw	Kyaukpyu, Cheduba.	
48. „ Lagale Gyi	Prome, Shwele.	
49. „ Hmo	Tavoy.	
50. „ Ba Gyi	Thayetmyo, Minhla.	
51. „ Po Pe	Kawa, Pegu. (*Offg.*)	
52. Mr. A. W. Munro	Akyab. (*On probation*) Supdt. of Land Records	
53. Maung Yo	Thôngwa, Akunwun.	
54. „ Tun Min	Shwegyin, Kyaikto. (*Offg*)	
55. „ Me	Kyaukpyu, An.	
56. „ Than Tu	Meigui, Lenya. (*Offg*)	
57. „ Ou Pe	Rangoon, Asst. Govt. Translator.	
58. „ Tha Dun U	Bassein, Thigwin. (*Offg*)	
59. „ Po Ka	Shwegyin, Bilin. (Sub. *pro tem.*)	
60. „ Aung Ko	Thayetmyo.	
61. „ Lat	Thayetmyo, Myede.	
62. „ Tin Gyaw	Bassein, Thabaung.	
63. „ Lu Maung	Prome. (*On probation*) Akunwun, Supdt. of Land Records.	
64. „ Po Tin	Hanthawaddy, Hmawbi. (*Offg. temporarily*)	

Names.	Appointments.	Salaries and Allowances per mensem.
		R a. p.
	UPPER BURMA.	
	Extra Assistant Commissioners and Myoôks.	
	Extra Assistant Commissioners, 4th Grade, at R500 per mensem.	
1. Mr. F. Ripley . .	Shwebo, Tantabin.	
	5th Grade, at R400 each per mensem.	
1. Mr. E. de Facieu . .	Minbu, Magwe.	
2. „ J. P. Carey . .	Meiktila.	
	6th Grade, at R300 each per mensem.	
1. Maung Pônnaka, K.S.M. .	Kyauksè.	
2. Mr. W. F. Noyce . .	Mandalay.	
3. „ W. A. Hertz . .	Minbu, Taungzin.	
4. „ E. P. Cloney . .	Bhamo.	
5. „ N. K. Fraser . .	Myingyan, Natogyi.	
6. „ E. Fowle . .	Madaya.	
7. „ H. Hall . . .	Myadaung, Tigyaing.	
8. „ A. E. Rawlings .	Upper Chindwin, Mingin.	
9. „ R. Beale . . .	Taungdwingyi, Natmauk.	
	Myoôks, 1st Grade, at R250 each per mensem.	
1. Maung Ket, K.S.M. .	Pagan, Pauk.	
2. „ Shwe Bu . .	(*On privilege leave for 3 months.*)	
3. Mr. A. W. Buchanan .	Shwebo, Sheinmaga.	
4. „ R. A. Mack . .	Sagaing.	
5. Maung Hlwa . .	Ava, Wun.	
6. „ Aung Min . .	(*Leave on medical certificate for 3 months, from 3rd June 1888.*)	
7. Mr. W. B. Tydd . .	Minbu.	
8. „ C. H. Duffin . .	Upper Chindwin, Kindat. (*On probation.*)	
	Myoôks, 2nd Grade, at R200 each per mensem.	
1. Maung Aung Baw . .	Myingyan.	
2. „ Pe . . .	Katha, Myadaung.	
3. „ Po Thein . .	Kyauksè, Akunwun.	
4. „ Shwe Gaung .	Mandalay.	
5. „ Kin . . .	Pyinmana.	
6. „ Po Ni . .	Ye-u.	
7. „ Lu Tha, K.S.M. .	Myingyan, Pakangyi.	
8. „ Po Tôk . .	Chindwin, Kanni, Wun.	
9. „ San Pe . .	(*On privilege leave for 3 months, from 7th May 1888.*)	
10. Mr. C. B. Mealin . .	Tantabin, Shwebo. (*On probation.*)	
11. „ S. St. C. Lightfoot .	Myingyan. (*On probation.*)	
12. „ Myat Tun Aung, T.D.M.	Chindwin, Kindat.	

Names.	Appointments.	Salaries and Allowances per mensem
		₹ a. p.
	BURMA—*contd.*	
	Myoôks—*contd.*	
	Myooks, 2nd Grade, at ₹200 each per mensem—contd.	
13. Mr. F. C. Nisbet . .	Kyaukse.	
14. Maung Tun, K.S.M. .	Shwebo.	
15. Mr. R J. S. Kenny .	Katha, Myadaung.	
16. „ W. Calogreedy .	Meiktila, Wundwin.	
17. „ A. Brooke Fox .	Fort Stedman. (*On probation.*)	
18. „ A Symington . .	Bhamo, Mogaung.	
19. „ A. J. Brodie . .		
	Myoôks, 3rd Grade, at ₹175 each per mensem.	
1. Mr. H. J. Brown . .	Ye-u. (*On probation.*)	
2. „ R. Wall . .	Minbu.	
3. „ J. H. Anderson .	Myadaung.	
4. „ J. Macnamara .	Shwebo. (*On probation.*)	
5. Maung Po Kiu . .	(*On privilege leave for 3 months.*)	
6. „ Tun Lwin . .	Sagaing, Ava.	
7. Mr. P. M. Flannery .	Sagaing, Chaungu.	
8. Maung San Ya . .	Minbu, Salin.	
9. Mr. J. A. Barry . .	Chindwin, Alôn.	
10. „ E. S Skinner . .	Mandalay. (*Supernumerary.*)	
11. „ H. J. Inman . .	Pagan. (*On probation.*)	
12. Maung Aung Gyi, K.S.M.	Ye-u.	
13. „ Kyaw Zaw, T.D.M.	Pagan, Salé.	
14. „ Po Sa . .	Yaméthin.	
15. „ Cho . . .	Myingyan, Myaing.	
16. Mr. C. E. Brown . .	Chindwin, Mingan.	
17. Maung Po Ka . .	Myingyan, Natogyi.	
	Myoôks, 4th Grade, at ₹150 each per mensem.	
1. Mr. W. Graham . .	Rangoon. (*On special duty.*)	
2. Maung Kutti . .	Myadaung, Shwe-ashe-chaung.	
3. „ Kye . . .	Yaméthin.	
4. „ Pe . . .	Chindwin, Alôn.	
5. „ Gyi . . .	Minbu, Magwe. (Sub. *pro tem.*)	
6. „ Saing . .	Sub. *pro tem.* (*On leave on medical certificate for 4 months, from 19th March 1888.*)	
7. „ Shwe . . .	(Sub. *pro tem.*) (*On privilege leave for 3 months, from 28th March 1888.*)	
8. „ San Ôn . .	Mandalay, Madaya.	
9. „ Wa . . .	Chindwin, Paungbyin.	
10. „ Ne Dun . .	Ye-u, Myagan.	
11. Mr. G. H. Munro . .	Taungdwingyi, Piu.	
12. Mahomed Ebrahim .	Meiktila, Akunwun.	
13. Maung Yin Ma . .	Pagan, Laungshe.	
14. Mr. T. Johannes . .	Kyaukse, Kume. (Sub. *pro tem.*)	
15. Maung Lat . . .	Pyinmana, Paunglaung.	
16. „ Mya . . .	Myingyan, Akunwun.	

Names.	Appointments.	Salaries and Allowances per mensem.
	BURMA—*contd.*	*R a. p.*
	Myoôks—*contd.*	
	Myoôks, 4th Grade, at R150 each per mensem—contd.	
17. Maung San U.	Pagan, Akunwun.	
18. „ On Gaing	Myingyan.	
19. „ Kyaw Gaing	Ruby Mines, Mogôk.	
20. Mr. T. S. Colbeck	Mandalay, Amarapura.	
21. Maung Pu	Fort Stedman. (*On special duty.*)	
22. Maung Tun Ye	Meiktila, Hlaingdet.	
23. Mr. E. L. M. Burke	Bhamo. (*On probation.*)	
24. Maung Tun Hla	Chindwin, Kubo Valley.	
25. „ Cheik To	Minbu, Salin.	
26. „ Po Thien	Ye-u, Konon.	
27. „ Kyi	Bhamo, Northern township.	
28. „ Po Swe	Pagan, Kyaukpadaung.	
29. „ Tha Zan U.	Lower Chindwin, Akunwun. (*Offg.*)	
30. „ Hlaing	Minbu, Sagu. (*Offg.*)	
31. „ Myit	Taungdwingyi, Akunwun.	
32. „ Po Hla	Ye-u.	
33. Mr. F. W. Martin	Sagaing.	
34. Maung Shiva Pôn	Mandalay, Akunwun. (*Offg.*)	
35. „ Tha Hla	Shwebo, Chaukywa.	
36. Mr. E. Millar	Yaméthin. (*On probation.*)	
	Myoôks, 5th Grade, at R100 each per mensem.	
1. Maung Pe	Mandalay, Amarapura.	
2. „ Lin	„ Lamaing, Letwèdaw.	
3. „ Sein	*Under suspension.*	
4. „ Po Thet	Myingyan, Taungtha.	
5. „ Shwe Yi	South Taungdwingyi. (Sub. *pro tem.*)	
6. „ Gyi	Pyinmana, Lewe.	
7. „ Paw Tha	Myingyan, Tanaungdaing.	
8. „ Ton Gywé	Bhamo, Mogaung. (*On special duty.*)	
9. „ Shwe Wa	Yaméthin, Pyawbwe.	
10. „ Tha Bu	Ava.	
11. „ Pe	Bhamo, Shwagu.	
12. „ Pu Lè	Pyinmana.	
13. „ Nyein	Mandalay, Taungbyun.	
14. „ Kyi	Ava, Myotha	Personal allowance R25.
15. „ Paw Shan	Sagaing, Chaungu.	
16. „ Po Gyôk	Ye-u, Indaing.	
17. „ Paw	Chindwin, Taungdwingyaung.	
18. „ Tun U	Shwebo, Myedu.	
19. „ Pu	Katha Manle.	
20. „ Tun Tha, T.D.M.	Pagan, Yaw and Saw.	
21. „ Tet	„ Pauk.	
22. „ Kwe	„ Tilin.	
23. „ Tha Zan	Chindwin, Pagyi.	
24. „ Kyaw E	Mandalay, Lamaing, Letyadaw and Tamôkso.	
25. „ Sa	Chindwin, Wadawma.	
26. „ Sa	„ Shwesekoywa.	

Names.	Appointments.	Salaries and Allowances per mensem.
		R a. p.
	BURMA—*contd.*	
	Myoôks—*concld.*	
	Myoóks, 5th Grade, at R100 each per mensem—contd.	
27. Maung Tein	Shwebo. (*On probation.*)	
28. „ Po U	Myingyan, Lingadaw.	
29. „ Ba	Minbu, Kyabiu.	
30. „ Po Tha	Meiktila.	
31. „ Ba Lat	Shwebo, Akunwun.	
32. „ Hmo	Ye-u, Akunwun. (*Offg.*)	
33. „ Yan Gyi Aung	Myadaung, Kawlin.	
34. „ Lun Maung	Pagan.	
35. „ Tha Aung	Meiktila, Wundwin. (*On probation.*)	
36. „ Tha E	Kyauksè, Kinli and Magyigyaing.	
37. „ San Min	Sagaing, Myinmu.	
38. „ Tok Gyi	Minbu, Sadoktaya. (Sub. *pro tem.*)	
39. „ Gyi	Taungdwingyi, Thazi. (*On probation.*)	
40. „ Sin	Kyauksè, Yewun. (*Offg.*)	
41. „ Tha Bwe	Mandalay, Singu. (Sub. *pro tem.*)	
42. „ Thein	Sagaing, Samon. (*On probation.*)	
43. „ Ku	„ Mingmia, Alaung.	
44. „ Ba Bwa	Chindwin, Monywa. (*On probation.*)	
45. „ Po Mya	Bhamo, Mogaung.	
46. „ Min Naing	Yaméthin, Yindaw. (*On probation.*)	
47. „ Yeik	Taungdwingyi. („)	
48. „ Seit	Minbu, Napè.	
49. „ Po Yin	Tavoy.	
50. „ Nyun	Upper Chindwin, Balet.	
	Myoóks, 6th Grade, at R50 each per mensem.	
1. Maung Saing	Kyauksè, Myinzaing.	
2. „ Waing	„ Hmetkaya.	
4. „ Paw Nyun	„ Pinlè.	
5. „ Shwe Gaung	Mandalay. (*On special duty.*)	
6. „ Se	Chindwin, Budalin	Personal allowance R25.
8. „ Lun Bye	Mandalay, Thandaung.	
9. „ Tha Hlaing	„ Letya and Chaukywa.	
10. „ Se	„ Twinugè.	
11. „ Po Tôk	„ Ônbôn.	
12. „ Son Shin	„ Letya-Chaukywa.	
13. „ Hmun	Nyaunggaing, Meiktila.	
14 „ Lat	Pindale, Meiktila.	
15. „ On Thi	Mahlaing, Meiktila.	
16. „ Pon		
	Judicial Department.	
1. Mr. W. E. Ward, M.A., C.S.I.	Judicial Commissioner. (*On furlough for 15 months, from 1st November 1887.*)	
2. „ W. F. Meres, B.A.	Judicial Commissioner. (*Offg.*)	2,586 10 8
3. „ W. Ft Agnew	Recorder of Rangoon. (*On furlough for one year, from 3rd February 1888.*)	

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Judicial Dept.—*contd.*				
4. Mr. R. S. T. MacEwen	Addl. Recorder. (*Offg.*) Recorder		2,880	0	0
5. „ C. E. Fox	Government Advocate. (*Offg*) Addl. Recorder.		1,200	0	0
		Acting allowance	1,120	0	0
		Total	2,320	0	0
6. „ D. G. Macleod, M.A. LL.D.	Judge of the town of Moulmein		1,600	0	0
7. „ E. Richardson	Civil Judge, Mandalay		800	0	0
8. „ U. Pho	2nd „ „		300	0	0
9. „ W. Bigge	Judge, Court of Small Causes, Rangoon		760	0	0
10. Maung Ba Wa, K.S.M.	2nd Judge, Court of Small Causes „		500	0	0
	Cantonment Magistrate.				
1. Capt. R. C. Temple, B.S.C.	Mandalay		1,000	0	0
	Asst. Cantonment Magistrates.				
1. Lieut. C. C. Tennant, M.S.C.	Toungoo	Allowance	100	0	0
2. „ W. Anerah, Bo. S.C.	Thayetmyo and Small Cause Court Judge	Allowance	100	0	0
	Law Officers.				
1. Mr. J. Lowis	Government Advocate. (*Offg.*)		966	10	8
2. „ P. C. Sen	Asst. Government Advocate. (*Offg.*)		350	0	0
3. „ A. L Vaillant	Government Prosecutor, Rangoon		400	0	0
4. „ C. W. Law	„ „ Moulmein		200	0	0
	Jail Department.				
1. Surgeon-Major D. Sinclair, M.B, C.M.	Rangoon. Inspector-General of Jails.		1,500	0	0
	Superintendents of Jails.				
1. Surgeon T. R. Macdonald, M.B., C.M., F.R.C.S, Edin.	Rangoon, Pay (R700 rising to R950.)		700	0	0
		Allowance as *ex officio* Deputy Inspector-General of Jails	100	0	0
			800	0	0
			850	0	0
2. Mr. F. H. Dobson, U.C.S.	Moulmein	Personal allowance	100	0	0
		House allowance	80	0	0
		Total	1,030	0	0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	BURMA—*contd.*	₹ a. p.
	EDUCATIONAL DEPARTMENT.	
	Director of Public Instruction, at ₹1,000, rising to ₹1,250 per mensem.	
1. Mr. P. Hordern, B.A., F.C.U.	Rangoon. (*On leave on medical certificate for 9 months, from 10th March 1888.*)	
	Inspector of Schools, at ₹750 rising to ₹1,000 per mensem.	
1. Mr. R. G. Hodson . .	Rangoon. (*Offg. Director of Public Instruction, from 18th February 1888.*)	
	Junior Inspectors of Schools, at ₹500 rising to ₹750 each per mensem.	
1. Mr. L. A. Gross . .	Rangoon. (*Offg. Inspector of Schools from 4th March 1888*)	
2. „ C. A. E. G. Adams .	Rangoon, ₹400. (*Offg. Junior Inspector of Schools*)	
	Deputy Inspectors of Schools, 1st Grade, 2 at ₹250 each per mensem.	
1. Maung Po Maung . .	Prome.	
2. „ Bwa . . .	Rangoon, Hanthawaddy District.	
	2nd Grade, 5 at ₹200 each per mensem.	
1. Maung Shwe Hmôn .	Moulmein.	
2. „ Gauk . .	Shwegyin.	
3. „ San Dwa . .	On deputation.	
4. „ Tha Dun U . .	On deputation as *Offg.* Myoôk, 4th Grade.	
5. „ Môn . .	Pegu.	
6. „ Pa . . .	Shwegyin. (*Offg.*) Also Deputy Inspector of Karen Schools.	
7. „ Maung . .	Employed by Rangoon Municipality.	
	3rd Grade, 10 at ₹150 each per mensem.	
1. Maung Nga Me Gri .	Akyab.	
2. „ Tun . . .	Thongwa and Henzada.	
3. „ Pa Ha . .	Toungoo.	
4. „ Po Nwé . .	Bassein.	
5. „ Po Kya . .	Toungoo.	
6. „ Paw Din . .	Tavoy.	
7. „ Tun Hla . .	Kyukpyu.	
8. „ Nyan Kye . .	Moulmein. For Karen schools, Amherst, Tavoy, Mergui and Salween.	
9. „ Lu . . .	Rangoon. (*Offg.*) For Karen schools, Pegu, Tharrawaddy, Prome and Thôngwa.	

Names.	Appointments.	Salaries and Allowances per mensem.
	BURMA—*contd.*	
	Educational Dept.—*contd.*	
	***3rd Grade, 10 at ₹150 each per mensem*—contd.**	
10. Maung Ba Bwa . .	Thayetmyo.	
11. Inoddin . . .	Akyab. For Mahomedan Schools, Akyab Schools.	
12. Maung Taw Pen . .	Thôngwa.	
13 „ Myat Tun . .	Akyab. (*Offg.*)	
14. „ Pa . . .	Bassein. Sub *pro tem.* For Karen schools, Bassein, Henzada, and Thayetmyo District.	
	Head Masters of High Schools, 2 at ₹300, rising to ₹400 per mensem.	
1. Mr. J. Simeon . .	Akyab	400 0 0
		Personal allowance . 50 0 0
		Total . 450 0 0
2. „ A. S. Campagnac .	Moulmein. (*Offg.*)	
	Head Masters of Normal and Practising Schools.	
1. Mr. D. Aldridge . .	Moulmein.	
2. „ J. Simon . .	Akyab	250 0 0
	Medical Department.	
1. Surgeon-Major D. Sinclair, M.B., C.M.	Rangoon, Inspector General of Jails, with Civil Medical Administration, Burma.	
2. Brigade-Surgeon H. Griffith.	Civil Surgeon, Rangoon . . .	1,093 2 0
		Allowances—
		Lunatic Asylum . 250 0 0
		B. State Rys. 150 0 0
		State prisoners . 30 0 0
		Public Works Department 30 0 0
		Total . 1,553 2 0
3. Surgeon-Major H. Johnstone, A.M., M.D.	Rangoon	950 0 0
		Allowances—
		Port Health Officer . 250 0 0
		Lock Hospital . 100 0 0
		Meteorological Observatory 30 0 0
		Total . 1,330 0 0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Medical Department—*contd.*				
4. Surgeon-Major O. Baker .	Moulmein		750	0	0
		Allowances—			
		Jail .	100	0	0
		Port Health Officer .	75	0	0
		Total .	925	0	0
5. Surgeon-Major G. T. Thomas, L.R.C.P., Lon., M.R.C.S., Eng.	Bassein		750	0	0
		Allowances—			
		Jail .	250	0	0
		Port Health Officer .	50	0	0
		Lock Hospital .	50	0	0
		Total .	1,100	0	0
6. Surgeon-Major G. B. Hickson.	Toungoo. (*Offg.*)	Allowances—			
		Acting .	100	0	0
		Lock Hospital .	50	0	0
		Total .	150	0	0
7. Surgeon F. J. Drury, I.M.S.	Bhamo	Allowance .	150	0	0
8. Surgeon W. H. Thornhill.	Shwebo	Allowance .	150	0	0
9. Surgeon R. E. S. Davis .	Rangoon, Assistant to the Inspector General of Jails with Civil Medical Administration, Burma.		700	0	0
10. „ G. Shewan .	Mandalay		650	0	0
		Allowances—			
		Jail .	250	0	0
		Police Levy	100	0	0
		Total .	1,000	0	0
11. Surgeon-Major F. W. Wright, M.S.	Minbu	Allowance .	150	0	0
12. „ S. H. Dantra, M.B.C.M.	(*On furlough for 2 years, from 4th April 1888.*)				
13. Surgeon P. W. Dalzell, M.B.C.M.	(*On leave on medical certificate for 1 year and 6 months, from 3rd April 1887.*)				
14. „ C. S. Rundle, M.B.C.M.	(*On privilege leave for 3 months.*)				
15. „ E.P. Frenchman, L.M.S., Bom., L.R.C.P., Edin., L.P.F.S., Glas.	Thayetmyo		550	0	0
		Allowances—			
		Jail .	250	0	0
		Lock Hospital .	50	0	0
		Total .	850	0	0

Names	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Medical Department—*concld.*				
16. Surgeon J. R. P. Mc-Dermott, I.M.S.	Sagaing	Allowance	150	0	0
17. „ H. J. Dyson, I.M.S.	Ava	„	150	0	0
18. „ W. Price, I.M.S.	Tantabin	„	50	0	0
19. „ A. G E. Newland, I.M.S.	Pagan	„	150	0	0
20. „ A. O. Evans	Akyab. (*Offg.*)	Salary	442	14	1
		Jail	100	0	0
		Port Health Officer	50	0	0
		Total	592	14	1
21. Surgeon H. M. Hakim	Myingyan	Allowance	150	0	0
22. „ C. L. Swaine	Alôn	„	150	0	0
23. „ K. N. Misbrri, I.M.S.	Meiktila	„	150	0	0
24. „ F. Maidment, I.M S.	Pyinmana	„	150	0	0
25. „ E. Ferrand	Mandalay	„	50	0	0
26. „ E. Tully, I M.S.	Fort Stedman	„	100	0	0
27. „ M. J. Kilawala, I.M.S.	Kumè	„	50	0	0
28. „ F. A. Rogers, I.M.S.	Maymyo	„	50	0	0
29. „ H. E. Banatwala, I.M.S.	Taungdwingyi	„	150	0	0
30. „ W. B. Bannerman, I.M S.	Ye-u	„	150	0	0
31. „ F. C. Chatterjee, I.M.S.	Kindat	„	50	0	0
32. Hony.-Surgn. R. S. Dawson, L.R.C.P., L.R.C.S., Edin., & L S.A., Lon.	Henzada		550	0	0
		Allowance—Jail	75	0	0
		Total	625	0	0
33. Mr. C. W. E. Foster, M.R.C.S., Edin., L.S.A., Lon., U.C.S.	(*On furlough for 10 months and 25 days, from 18th May 1888.*)				
34. „ P. G. Paul, U.C.S.	(*On furlough for 2 years, from 15th February 1886.*)				
35. „ C. G. R. Naylor, M R.C.S., Eng., L.R C.P., L.R.C.S., Edin., U.C.S	Prome		550	0	0
36. „ J. C. Paul, S.R.C S, C.R.C.P., & L.M.S, S M., U.C S.	Mogaung		350	0	0
37. Asst. Surgeon O. L. Munshi.	Akyab, Resident Medical Officer		150	0	0
		Burma allowance	50	0	0
		Total	200	0	0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Medical Department—*contd.*				
38. Asst. Surgeon M. M. Roy	Rangoon, Resident Medical Officer		150	0	0
		Allowances—			
		General Hospital	150	0	0
		Municipal, Burma	50	0	0
		Total	350	0	0
39. „ D. D. Bhuttacharjee.	Kyaukpyu		150	0	0
		Allowances—			
		Local	150	0	0
		Burma	50	0	0
		Jail	75	0	0
		Total	425	0	0
40. „ A. C. Ghosh	Sandoway		50	0	0
		Allowances—			
		Local	100	0	0
		Burma	50	0	0
		Total	200	0	0
41. „ S. Bogonaw, M.D.	Papun		100	0	0
		Local allowance	50	0	0
		Total	150	0	0
42. „ B. N. Mukerji	Pegu		100	0	0
		Allowances—			
		Local	100	0	0
		Burma	50	0	0
		Total	250	0	0
43. „ F. X. D'Attaides	Sagaing		100	0	0
		Burma allowance	50	0	0
		Total	150	0	0
44. „ D. N. Sanyal	Bhamo		100	0	0
		Burma allowance	50	0	0
		Total	150	0	0
45. „ H. C. Sanigal	Ye-u		100	0	0
		Burma allowance	50	0	0
		Total	150	0	0

Names.	Appointments.	Salaries and Allowances per mensem.		
	BURMA—*contd.*			
	Medical Department—*contd.*	*R*	*a.*	*p.*
46. Asst. Surgeon H. Dass . .	Ye-u	100	0	0
		Burma allowance . 50	0	0
		Total . 150	0	0
47. „ K. P. Kumar .	Shwebo	100	0	0
		Burma allowance . 50	0	0
		Total . 150	0	0
48. „ Maung PoKyaw	(*On leave for 1 year and 6 months.*)			
49. „ L. M. Laha .	Pyinmana	100	0	0
		Burma allowance . 50	0	0
		Total . 150	0	0
50. „ R. L. H. Po Key.	Mandalay.			
51. „ Maung Tha Nu	Mogôk.			
52. „ Maung Yan Hmu.				
1st Grade Apothecary G. H. Campbell.	Ma-ubin	350	0	0
		Jail allowance . 50	0	0
		Total . 400	0	0
1st Grade Apothecary H. Wells.	Shwegyin	550	0	0
		Allowance . 50	0	0
		Total . 600	0	0
1st Grade Apothecary J. Galvin.	Yaméthin.			
1st Grade Apothecary G. R. Gaudoin.	Kyauksè, Civil Surgeon . . .	350	0	0
1st Grade Apothecary J. E. Campbell.	Mergui, Civil Surgeon . . .	350	0	0
2nd Grade Apothecary M. Devanboo.	Kubo Valley.			
1st Grade Asst. Apothecary J. Brown.	Katha, Civil Surgeon	350	0	0
1st Grade Asst. Apothecary F. Bradley, U.C.S.	Taungdwingyi.			
1st Grade Asst. Apothecary J. Dolby, U.C.S.	Ruby Mines.			

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Medical Department—*concld.*				
1st Grade Asst. Apothecary W. A. Cole, U.C.S.	Myingyan.				
1st Grade Asst. Apothecary S. A. Appaswamy, U C S.	Meiktila.				
1st Grade Asst. Apothecary T. H. Govind Singh, U.C.S	Mandalay.				
1st Grade Asst. Apothecary S. P. M. Moodelly, U C.S.	Minbu.				
1st Grade Asst. Apothecary J. Fisher, U.C.S.	Mônywa.				
2nd Grade Asst. Apothecary R H. Nailer, L.R.C.P. & S., Edin.	Tavoy		350	0	0
2nd Grade Apothecary J. Davis.	Tharrawaddy		350	0	0
2nd Grade Apothecary G B. Fonseca.	Rangoon, Resident Medical Officer .		150	0	0
		Allowances—Lock Hospital .	30	0	0
		House-rent	30	0	0
		Total .	210	0	0
2nd Grade Asst. Apothecary E. Peacock.	Pagan		150	0	0
2nd Grade Asst. Apothecary E. Knox.	Upper Chindwan		150	0	0
Mr. E. G. Scott, U.C.S. . .	Myohla. In medical charge, Toungoo-Mandalay Railway.		100	0	0
Mr. M. R. Paul, U.C S. . .	Pyinmana. In medical charge of Railway Police Levy.		100	0	0
	Ecclesiastical Department.				
	Bishop of Rangoon.				
1. The Right Revd. J. M. Strachan, M D.	Rangoon. (*On special leave for 6 months, from 26th April 1888*).				
	Archdeacon of Rangoon.				
1. The Venerable W. C. Noyes	(*On furlough for 1 year and 9 months, from 10th March 1888.*)				
	Junior Chaplains of the Bengal Establishment at R500 per mensem.				
1. Revd. C. H. Chaid . .	Port Blair.				
2. „ J. D. Briscoe, M A. .	(*On furlough on medical certificate for 183 days, from 27th March 1888*)				

Names.	Appointments.	Salaries and Allowances per mensem.
		R a. p.
	BURMA—*contd.*	
	Ecclesiastical Department—*contd.*	
	Junior Chaplains of the Bengal Establishment at R500 per mensem—contd.	
3. Revd. A. E. Stone . .	1st Brigade, Burma Field Force.	
4. „ J. P. Dyen, M.A. .	Toungoo.	
5. „ H. C. Parker, M.A. .	Bhamo, 2nd Brigade, Burma Field Force.	
6. „ A. H. Finn . .	Rangoon Cantonment Chaplain.	
7. „ D. G. Latham Browne	Thayetmyo.	
8. „ M. Kirkby . .		
9. „ J. Fairclough, Missionary, S.P.G.	Rangoon. Officiating Archdeacon of Rangoon and Bishop's Commissary and Chaplain, Rangoon Town.	
	List of other Clergymen receiving allowances from Government.	
1. Revd. J. E. Marks, D.D. .	Rangoon, Chaplain of Tavoy and Mergui	Allowance . 50 0 0
2. „ T. G Menhinick .	Moulmein	„ . 150 0 0
3. „ C. P. Hopkins .	Akyab	„ . 150 0 0
4. „ W. Graham de Lancey	Bassein and Henzada	„ . 100 0 0
5. „ T. Rickard . .	Rangoon, Chaplain of Pegu . .	„ . 50 0 0
6. „ M. John Tsan Baw .	Rangoon. (*Offg. Port Chaplain*) .	„ . 100 0 0
7. „ A. Salmon . .	Insein Railway Chaplain . . .	„ . 150 0 0
	Registrar of the Diocese and Archdeaconry of Rangoon.	
1. J. Lowis . . .	Rangoon	Office allowance . 50 0 0
	Police Department.	
	Inspectors General of Police at R1,800 per mensem.	
1. Brig.-Genl. E. Stedman, C.B., B.S.C.	Mandalay, Upper Burma.	
2. T. D. Jameson, U.C.S. .	Rangoon, Lower Burma.	
	Deputy Inspector General, Upper Burma, at R1,000 per mensem.	
Captain S. H. P. Graves, B.S.C	Mandalay.	
	District Superintendents (24).	
	1st Grade, 4 at R900 each per mensem.	
1. Col. C. A. Munro, B.S.C. .	(*On furlough for 1 year 6 months and 26 days, from 20th October 1886.*)	
2. Mr. B. H. Davidson, U.C.S.	Amherst.	
3. Mr. T. W. Wood, U.C.S. .	Bassein.	
4 Col. R. F. Litchfield, M.S.C.	(*On furlough for 2 years, from 28th April 1886.*)	

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	BURMA—*contd.*	
	POLICE DEPARTMENT—*contd.*	
	2nd Grade, 4 at R800 each per mensem.	
1. Mr. J. W. Olive, U.C.S. .	Rangoon. (*Offg. 1st Grade, from 1st October 1886.*)	House allowance . 100 0 0
2. Mr. J. C. Perreau, U.C.S. .	Thayetmyo. (*Offg. 1st Grade, from 6th January 1888.*)	
3. „ J. Dixon, U.C.S. .	Rangoon.	
4. Vacant.		
	3rd Grade, 5 at R700 each per mensem.	
1. Mr. R. A L. Fanshawe, U.C.S.	Henzada. (*Offg. 2nd Grade, from 22nd August 1887.*)	
2. „ R. B. Hawkes, U.C.S..	(*On furlough for one year from 9th April 1888.*)	
3. „ E. St. G. Kaye, U.C.S.	Pyinmana. (*Offg. 2nd Grade, from 6th January 1888.*)	
4. „ C.J. O'Donoghue, U.C.S	Mergui.	
5. „ J. D. Mercer, U.C.S. .	(*On furlough for one year from 28th March 1888.*)	
	4th Grade, 8 at R600 each per mensem.	
1. Mr. W. A. E. Lake, U.C S..	Mandalay. (*Offg. 3rd Grade, from 11th June 1887.*) Personal Asst. to Inspr. Genl. of Police, Upper Burma.	
2. „ A. G. Mayne, U.C.S. .	Sagain. (*Offg. 3rd Grade, from 6th January 1888.*)	
3. „ G. G. G. Campbell, U.C.S.	Minbu. (Ditto ditto.)	
4. „ C. V. Harris, U C.S. .	Tavoy.	
5. „ R. Martin, U.C.S. .	Mandalay.	
6. „ A. J. A. Jardine, U.C.S.	Meiktila.	
7. „ W. G. Snadden, U.C.S.	Tharrawaddy.	
8. „ J. M. Law, U.C.S. .	Sandoway.	
9. „ H. W. Segrane, U.C S.	Bhamo. (*Supernumerary.*) .	
	5th Grade, 15 at R500 each per mensem.	
1. Maung Shwe Kyi, C.I.E., T.D.M., U.C.S.	Kaw Kareik. (*Offg. 4th Grade, from 14th August 1886.*)	
2. Mr. E. H. Molloy, U.C.S. .	Paletwa. (*Offg. 4th Grade, from 15th November 1886.*)	
3. „ G. C. Serres, U.C.S. .	Akyab. (*Offg. 4th Grade, from 28th February 1887.*)	
4. „ J. C. Fanshawe, U.C.S.	(*On special duty*)	
5. „ F. S. Stowell, U.C.S. .	Rangoon. (*Offg. 4th Grade, from 7th June 1887.*) Personal Assist. to the Inspr. Genl. of Police, Lower Burma.	

Names.	Appointments.	Salaries and Allowances per mensem.
	BURMA—*contd*	*R a. p.*
	Police Department—*contd.*	
	5th Grade, 15 at R500 each per mensem—contd.	
6. Mr. M. J. Chisholm, U.C.S.	Natogyi.	
7. „ P. J. Porter, U.C.S. .	Toungoo.	
8. „ A. H. Tucker, U.C.S. .	Pegu.	
9. „ G. T. C. Plowden, U C.S.	Katha.	
10. „ R. H. Greenstreet, U.C.S.	Shwebo.	
11. „ C. M. Prendergast, U C.S.	(*On privilege leave for 2 months and 25 days.*)	
12. „ W. H. Tarleton, U.C.S.	Taungdwingyi. (*On probation.*)	
13. „ W. Pockett, U.C.S. .	Pagan. (*On probation*)	
14. Vacant.		
15. Vacant.		
	Asst. District Supdts., 1st Class, 11 at R400 each per mensem.	
1. Mr. E. G. Mumford, U.C.S. .	Ye-u. (*On probation.*) (*Offg. Supdt., 5th Grade, from 1st May 1887.*)	
2. „ C. H. Serres, U.C.S. .	(*On probation.*) (*On leave on medical certificate for 1 year and 6 months, from 4th March 1887.*)	
3. „ H. W. Rae, U.C.S. .	Kyaukse. (*On probation, Offg. Supdt., 5th Grade, from 1st August 1887.*)	
4. „ C. H. Hallett, U.C.S. .	(*On probation. On leave on medical certificate for 1 year, from 11th November 1887.*)	
5. „ E. Martini, U.C.S. .	Kyauktan.	
6. „ G. W. Tarleton, U C.S.	Kawlin. (*On probation.*)	
7. „ St. L. B. Aldworth, U.C.S	Tavoy.	
8. „ T. Ottley, U.C.S. .	Myingyan. (*On probation.*)	
9. „ F. C. C. Annesley, U.C.S.	Kyaukse. (*On probation.*)	
10. „ R. A. E. Castle, U.C.S.	Yaméthin.	
	Asst. District Supdts., 2nd Class, 35 at R250 each per mensem.	
	A—List.	
1. Mr. H. P. Walton, U.C.S. .	Chindwin (In chg Lower Chindwin Dist.).	
2. „ W. W. Forbes, U.C.S. .	Minhla.	
3. „ H. P. Pedler, U.C.S. .	Salin.	
4. Capt. D. L. de la Cherois .	Rangoon	Allowance 150 0 0 as Adjt. of the Mily. Police, Lower Burma.
5. Mr. H. C. Prance, U.C.S. .	Meiktila.	
6. „ R. O'Dowda, U.C.S. .	Yewun.	
7. „ R. E. Barber, U.C.S. .	Toungoo, Myohla.	
8. „ C. E. Lloyd, U.C.S. .	Chindwin (In chg. Upper Chindwin Dist.).	
9. „ J. W. Davidson, U.C.S. .	Thatôn.	
10. „ J. Dobson, U.C.S. .	Salween. (*Magistrate, 1st Grade, and Dist. Magistrate.*)	

Names.	Appointments.	Salaries and Allowances per mensem.
	BURMA—*concld.*	R a. p.
	Police Department—*contd.*	
	Asst. Dist. Supdts., 2nd Class, 35 at R250 each per mensem—contd.	
	A—List—contd.	
11. Mr. R. C. Rogers, U.C.S. .	Kyaukpyu. (*Offg. Supdt. of Police, 5th Grade, from 20th July 1887.*)	
12. „ A. A. St. C. Miller, U.C.S.	Shwegyin.	
13. „ F. L. Rey, U.C.S. .	Pin.	
14. „ A. D. Kiernander, U.C S.	Mandalay. (*Offg. 1st class from 2nd August 1887. On special duty with Keran Levy Battalion.*)	
15. „ W. F. Richardson, U.C.S.	Ruby Mines.	
16. „ E. A. W. G. McDougall, U.C.S.	Rangoon. (*On special duty.*)	
17. „ F. H. Wells, U.C.S. .	(*On leave on medical certificate for 9 months, from 8th January 1888.*)	
18. „ H. Deighton, U.C.S. .	Reserve Police. (*On probation*)	
19. „ C. Hobson, U.C S. .	Pegu. (*On probation.*)	
20. „ W. N. Baines, U.C S. .	Pyapon. (*Ditto.*) Magistrate, 3rd class.	
21. „ G. Tilly, U.C.S. .	Sheinmago. (*On probation.*) Magistrate, 3rd class.	
22. „ C. J. Saunders, U.C.S.	Prome. (*On probation, Offg. 1st class, from 8th November 1887.*)	
23. „ W. D. Clark, U.C S. .	Myedé. (*On probation.*)	
24. „ R. C. Cummings, U.C.S	Myagôn. (*Ditto.*)	
25. „ F. S. Orchard, U.C.S. .	Ava. (*Ditto.*)	
26. „ B. Cumberland, U.C.S.	(*On probation. On leave on medical certificate for 6 months from 8th February 1888.*)	
27. „ R. A. Simpson, U C.S.	(*On special duty in India.*)	
28. „ R. G. McDonnell, U.C.S	Lèwè. (*Supernumerary.*) (*On probation*)	
29. „ H. F. Hertz, U.C.S. .	Maymyo. Ditto. ditto, Magistrate, 2nd class.	
30. „ K. C. Macdonald, U.C.S	Myingyan. (*Ditto.*)	
31. „ P. S. Harvey, U.C.S. .	Yaméthin. (*Ditto.*)	
32. „ A. H. Faithful, U.C.S.	(*Supernumerary.*) (*On probation.*) (*On medical certificate for 8 months from 9th January 1888*)	
33. „ E. G. Durrant, U.C.S.	Chindwin. (*Supernumerary.*) (*On probation.*)	
34. „ N. B. Stuart, U.C S. .	Ditto. (Ditto.)	
35. „ E. B. Whiting, U.C.S.	Minbu. (Ditto.)	
36. „ H. C. Gadsden, U.C.S. .	Thôngwa. (Ditto.)	
37. „ E. Drury . .	Myanaung. (Ditto.)	
38. Vacant.		
39. Vacant.		
40. Mr. H. Thompson, U.C.S. .	Tharrawaddy. (*Offg.*)	
41. „ F. S. Whiting, U.C.S.	Minbu. (*Offg.*)	
42. „ T. S. Beale, U.C.S. .	Ngathainggyaung. (*Offg.*)	

Names.	Appointments.	Salaries and Allowances per mensem.
		R *a.* *p.*
	BURMA—*contd.*	
	Police Department—*concld.*	
	B—List.	
1. Mr. H. Allbon, U C.S.	Thôngwa, Pyapon.	
2. Maung Man, U.C.S.	Paungdè.	
3. „ Shwe Thin, U.C.S.	Thôngwa, Yandoon.	
4. „ Kalathi, U.C.S.	Kemmendine.	House allowance R50.
5. Mr. M. Brock, U.C.S.	Thayetmyo.	
6. Maung Thu Taw U., U.C.S.	Akyab.	
7. „ Myo, U.C.S.	Rangoon.	House allowance R50.
8. „ Ba U., T.D.M., U.C.S.	Papun.	
9. Mr. H. S. Hill, U.C.S.	North Tharrawaddy.	
	Police Supply and Clothing Dept. Upper Burma.	
1. Capt. S. C. F. Peile, B.S.C.	Rangoon. (Director of Police Supply and Clothing.)	1,000 0 0
	Commandants of Military Police Battalions.	
1. Lieut. E. T. Gastrell, B.S.C.	Mandalay. Magistrate of the 1st class.	225 12 0
		Staff allowance . 300 0 0
		Total . 525 12 0
2. „ H. F. Loch, B.S.C.	Alôn Ditto ditto.	225 12 0
		Staff allowance . 300 0 0
		Total . 525 12 0
3. „ H. D'U. Keary, M.S.C.	Shwebo	225 12 0
		Staff allowance . 400 0 0
		Total . 625 12 0
4. Capt. E. S. Hastings, M.S.C, D.S.O.	Myingyan. Magistrate of the 1st class	374 1 6
		Staff allowance . 400 0 0
		Total . 774 1 6
5. Lieut. H. O'Donnell, B.S.C.	Bhamo. Ditto ditto	225 12 0
		Staff allowance . 300 0 0
		Total . 525 12 0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
		R a. p.
	BURMA—*contd.*	
	POLICE DEPARTMENT—*contd.*	
	Commandants of Military Police Battalions—contd.	
6. Capt. G. R. McMullen, B.S.C.	Sagaing. Magistrate of the 1st class .	374 1 6
		Staff allowance . 300 0 0
		Total . 674 1 6
7. Lieut. H. F. Holland, B.S.C.	Meiktila. Ditto ditto . .	225 12 0
		Staff allowance . 300 0 0
		Total . 525 12 0
8. „ R.P.S. Barnett, BO.S.C.	Yaméthin. Ditto ditto . .	225 12 0
		Staff allowance . 400 0 0
		Total . 625 12 0
9. Lieut. R.P. Colomb, BO. S.C.	(*On privilege leave for 2 months and 21 days.*)	
10. Capt. V. G. Tonnochy, B.S.C.	Pyinmana. Magistrate of the 1st class.	374 1 6
		Staff allowance . 400 0 0
		Total . 774 1 6
11. Lieut. R. M. Rainey, M.S.C.	Pagan. Magistrate of the 1st class .	225 12 0
		Staff allowance . 400 0 0
		Total . 625 12 0
12. Capt. F. C. Dunlop, B.S.C.	Myadaung. Ditto ditto . .	374 1 6
		Staff allowance . 300 0 0
		Total . 674 1 6
13. „ W. Cooke, B.S.C. .	Minbu. Ditto ditto . .	374 1 6
		Staff allowance . 300 0 0
		Total . 674 1 6
14. Lieut. E. R. Hartigan, B.S.C.	Taungdwingyi. Ditto ditto . .	225 12 0
		Staff allowance . 300 0 0
		Total . 525 12 0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Police Department—*contd.*				
	Commandants of Military Police Battalions—contd.				
15. Lieut. F.O. Anderson, B.S.C.	Ruby Mines. Magistrate of the 1st class.		225	12	0
		Staff allowance .	400	0	0
		Total .	625	12	0
16. Capt. C. W. Harris,	Kubo Valley		374	1	6
		Staff allowance .	300	0	0
		Total .	674	1	6
	Seconds-in-Command of Military Police Battalions.				
1. Lieut. A. T. Young, M.S.C.	Alôn		225	12	0
		Staff allowance .	200	0	0
		Total .	425	12	0
2. „ J. Phillips, B.S.C. .	Pagan		225	12	0
		Staff allowance .	200	0	0
		Total .	425	12	0
3. „ H. L. Custance, B.S C.	Myingyan		225	12	0
		Staff allowance .	200	0	0
		Total .	425	12	0
4. „ W. G. Hatherell, BO S.C.	Yaméthin		225	12	0
		Staff allowance .	250	0	0
		Total .	475	12	0
5. Subadar-Maj. Chutter Sing, Rai Bahadur.	Katha. (*On special duty*) . . .		300	0	0
6 Lieut. H. B. Borrodaile, B.S.C.	(*On leave on private affairs for 91 days.*)				
7. „ J. A. H. Woodward, B.S.C.	Shwebo. Magistrate of the 1st class .		225	12	0
		Staff allowance .	200	0	0
		Total .	425	12	0
8. „ W. Giles, B.S.C. .	Kyauksè. (*Offg.*) Commandant Magistrate, 1st class, temporary.		225	12	0
		Staff allowance .	250	0	0
		Total .	475	12	0

Names.	Appointments.	Salaries and Allowances per mensem.
	BURMA—*concld.*	
	POLICE DEPARTMENT—*concld.*	
	Seconds-in-Command of Military Police Battalions—contd.	
9 Lieut. J. A. Vanrenen .	Kyaukse. (*On special duty*) . .	*R a. p.*
		225 12 0
		Staff allowance . 200 0 0
		Total . 425 12 0
10. „ R H. Dawson, M S C.	Magistrate, 1st class. (*On furlough for 1 year, from 29th January 1888*)	
11. „ H. Trevor, B S C. .	Mandalay	225 12 0
		Staff allowance . 200 0 0
		Total . 425 12 0
12 „ O. C Armstrong, B S C	Myadaung	225 12 0
		Staff allowance . 200 0 0
		Total 425 12 0
13. „ S. H. Pelly, BO.S C	Minbu. Magistrate, 1st class . .	225 12 0
		Staff allowance . 250 0 0
		Total . 475 12 0
14. „ C. C Anderson, B S C	Pyinmana (*Offg*) Comdt. Magistrate, 1st class.	225 12 0
		Staff allowance . 250 0 0
		Total . 475 12 0
15 „ G D. Atkinson, BO S C.	Railway Battalion	225 12 0
		Staff allowance . 200 0 0
		Total . 425 12 0
16 „ A de la C. Travers, 9th B.C.	Kubo Valley	225 12 0
		Staff allowance . 200 0 0
		Total . 425 12 0
	MISCELLANEOUS.	
Mr. E. Forchhammer, Ph.D. .	Rangoon	Allowance as Government Archæologist 150 0 0
	Government Translator 350 to 500.	
Taw Sein Kho . . .	Rangoon	*350 0 0
	Chemical Examiner.	
Mr. R. Romanis, D. Sc., F C S.E.	Rangoon	Allowance as Chemical Examiner 150 0 0

* Pay 350—500

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	ASSAM.				
	Chief Commissioner.				
Mr. D. Fitzpatrick, C.S.I., C.S. .	Chief Commissioner		4,166	10	8
	Secretariat.				
Mr. C. J. Lyall, M.A., LL.D., C.I.E., C.S.	Secretary to the Chief Commissioner .		2,000	0	0
„ R. S. Greenshields, C.S. .	Assistant Secretary to the Chief Commissioner.		700	0	0
Lieut. H. R. Browne, B.S.C. .	Personal Assistant to the Chief Commr.		500	0	0
		Acting allowance	200	0	0
		Total .	700	0	0
	Judges.				
Mr. H. Luttman-Johnson, C.S.	Judge and Commissioner of the Assam Valley Districts, Gauhati. (*Granted furlough for one year from July 1888*)		2,500	0	0
		Fixed travelling allowance	250	0	0
		Total .	2,750	0	0
„ R. H. Greaves, C.S. .	District and Sessions Judge and Sessions Judge of Cachar.		2,000	0	0
	Deputy Commissioners (13).				
	1st Grade, 3 at R1,833-5-4 each per mensem.				
1. Col. A. E. Campbell, B.S.C.	(*Special leave of absence for 6 months, from 20th April 1888*).				
2. Mr. A. C. Campbell .	Kamrup, Gauhati.				
3. Lieut.-Col. H. J. Peet,	(*On furlough for 1 year 182 days + 50 days, from 12th December 1886. Permitted to return.*)				
	2nd Grade, 4 at R1,666-10-8 each per mensem.				
1. Col. Sir J. Johnstone, K.C.S.I.	(*Furlough on medical certificate for 1 year + 6 months + 6 months from 9th April 1886.*) *Leave extended up to 16th July 1888.*				
2. Mr. H. C. Williams, C.S. .	Khasi and Jaintia Hills. Inspector General of Police, Jails, and Registration; Supdt. of Stamps and Commr. of Excise from 15th September 1885. (*Offg. Deputy Commr., 1st Grade, from 4th April 1888.*)		1,666	10	8
		Acting allowance .	166	10	8
		Total .	1,833	5	4

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	
	ASSAM—*contd.*		*R a. p.*
	DEPUTY COMMISSIONERS (13)—*contd.*		
	2nd Grade, 4 at R1,666-10-8 each per mensem—contd.		
3. Mr. G. Stevenson, C.S.	Sylhet. (*Offg. Deputy Commr., 1st Grade, from 23rd May 1888.*)		1,666 10 8
		Acting allowance	166 10 8
		Total	1,833 5 4
4. „ J. Knox Wight, B.A., C.S	Sibsagar		1,666 10 8
	3rd Grade, 3 at R1,333-5-4 each per mensem.		
1. Mr. G. Godfrey, C.S.	(*Furlough for 19 months, from 18th March 1887.*)		
2. Capt. H. St. P. Maxwell, B.S.C.	Khasi and Jaintia Hills. Passed in Garo language. (*Offg. Depy. Commr., 2nd Grade, from 19th July 1887.*)		1,333 5 4
		Acting allowance	333 5 4
		Total	1,666 10 8
3. Mr. J. J. S. Diiberg	Luckhimpur, Dibrugurh. (*Offg. Deputy Commr., 2nd Grade, from 4th April 1888.*)		1,333 5 4
		Acting allowance	333 5 4
		Total	1,666 10 8
	4th Grade, 3 at R1,000 each per mensem.		
1. Mr. J. Kennedy, C.S.	Cachar. (*Offg. Depy. Commr., 2nd Grade, from 23rd May 1888.*) Passed in Lushai language.		1,000 0 0
		Acting allowance	444 7 1
		Total	1,444 7 1
2. Mr. G. E. McLeod	Nowgong. (*Offg. Depy. Commr., 3rd Grade, from 4th April 1888.*)		1,000 0 0
		Acting allowance.	266 10 8
		Total	1,266 10 8
3. „ R. B. McCabe, C.S.	Darrang. Passed in Angami-Naga language. (*Offg. Depy. Commr., 3rd Grade, from 7th December 1887.*)		1,000 0 0
		Acting allowance	266 10 8
		Total	1,266 10 8
	ASSISTANT COMMISSIONERS (23).		
	1st Grade, 5 at R800 each per mensem.		
1. Mr. A. J. Primrose, C.S.	Passed in the Kachari and Manipuri language. (*Special leave for 6 months from 18th May 1888.*)		

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	ASSAM—*contd.*				
	Assistant Commissioners (23)—*contd.*				
	1st Grade, 5 at R800 each per mensem—contd.				
2. Mr. A. E. Heath . .	Garo Hills, Tura. Passed in Khasi language. (*Offg. Depy. Commr., 3rd Grade, from 23rd May 1888.*)		800	0	0
		Acting allowance	355	8	10
		Total	1,155	8	10
3. Capt. M. A. Gray, B.S.C..	Goalpara, Dhubri (*Offg. Depy. Commr., 4th Grade, from 15th May 1888.*)		800	0	0
		Acting allowance	200	0	0
		Total	1,000	0	0
4. Mr. J. D. Anderson, C.S..	(*Furlough for 2 years, from 26th May 1887.*)				
5. „ F. St. Clair Grimwood, M.A., C.S.	Manipur. (*Offg. Depy Commr., 4th Grade, from 24th April 1888.*)		800	0	0
		Acting allowance	200	0	0
		Local allowance	150	0	0
		Total	1,150	0	0
	2nd Grade, 7 at R700 each per mensem				
6. „ R. T. Greer, C.S.	South Sylhet. (*Offg. Asst. Commr., 1st Grade, from 30th April 1888.*)		700	0	0
		Acting allowance	100	0	0
		Total	800	0	0
7. „ A. Porteous, C.S.	Kohima, Naga Hills. (*Offg. Depy. Commr., 4th Grade, from 21st May 1888.*)		700	0	0
		Acting allowance	200	0	0
		Total	900	0	0
8. „ J. C. Arbuthnott, C.S.	North Lakhimpur. (*Offg. Asst. Commr., 1st Grade, from 19th January 1888.*)		700	0	0
		Acting allowance	100	0	0
		Total	800	0	0
9. „ R. R. Pope, C.S.	(*Furlough for 19 months, from 28th April 1888.*)				
10. Capt. P. E. Henderson, B.S.C.	Passed in Angami, Naga and Khasi languages. (*Special leave for 6 months from 26th June 1888.*)				
11. Mr. P. G. Melitus, C.S.	Jorhat (*Offg. Asst. Commr., 1st Grade, from 21st May 1888.*)		700	0	0
		Acting allowance	100	0	0
		Total	800	0	0

Names.	Appointments.	Salaries and Allowances per mensem.	R a. p.
	ASSAM—*contd.*		
	Assistant Commissioners (23)—*contd.*		
	2nd Grade, 7 at R700 each per mensem—contd.		
12. Mr. A. F. Steinberg, c s. .	Dibrugarh. (*Offg. Asst. Commr., 1st Grade, from 15th May 1888*)		700 0 0
		Acting allowance .	100 0 0
		Total .	800 0 0
	3rd Grade, at R500 each per mensem.		
13. „ A. W. Davis, c.s. .	Naga Hills, Kohima. (*Offg. Asst. Commr., 1st Grade, from 15th June 1888.*) Passed in Angami-Naga language.		500 0 0
		Acting allowance .	200 0 0
		Local allowance .	100 0 0
		Total .	800 0 0
14 Lieut. H. R. Browne, b s c	Khasi Hills, Shillong. (*Offg. Asst Commr., 2nd Grade from 1st November 1887.*) (Personal Assistant to the Chief Commissioner, Assam).		500 0 0
		Acting allowance .	200 0 0
		Total .	700 0 0
15. Mr. W. Teunon, c.s. .	Hailakandi. (*Offg. Asst. Commr, 2nd Grade, from 25th January 1888.*)		500 0 0
		Acting allowance .	200 0 0
		Total .	700 0 0
16. „ F. C. Lyon, c s. .	Sibsagar, Golaghat. (*Offg Asst. Commr., 2nd Grade, from 8th October 1887.*)		500 0 0
		Acting allowance .	200 0 0
		Total .	700 0 0
17. „ E. A. Gait, c.s. . .	Mangaldai. (*Offg. Asst. Commr, 2nd Grade, from 3rd June 1888.*)		500 0 0
		Acting allowance .	200 0 0
		Total .	700 0 0
18. Lieut. C. G. M. Kennedy	Goalpara, Goalpara. Temporarily in charge of Sub Division. (*Offg. Asst. Commr., 2nd Grade, from 24th April 1888*)		500 0 0
		Acting allowance .	200 0 0
		Total .	700 0 0
19. Mr. G. Gordon, c s. .	Kamrup. (*Offg. Asst. Commr., 2nd Grade, from 15th May 1888.*)		500 0 0
		Acting allowance .	200 0 0
		Total .	700 0 0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	ASSAM—*contd.*				
	Assistant Commissioners (23)—*contd.*				
	3rd Grade, at R500 each per mensem—contd.				
20. Mr. W. H. Cossins, C.S. .	Sylhet, Karimganj. (*Offg. Asst. Commr., 2nd Grade, from 15th June 1888.*)		500	0	0
		Acting-allowance .	200	0	0
		Total .	700	0	0
21. Lieut. P. R. T. Gurdon, B.S.C.	Sibsagar.		500	0	0
22. Mr. H. LeMesurier, C.S. .	Sylhet		450	0	0
23. „ F. C. Henniker, C.S. .	Sibsagar		400	0	0
	Extra Assistant Commissioners (29).				
	5th Grade, 2 at R600 each per mensem.				
1. Rai Gunabhiram Sarma Barua, Bahadur.	Nowgong.				
2. Mr. R. Lea . . .	Lakhimpur, Dibrugarh. (*Furlough for 1 year, from 11th November 1887.*)				
	4th Grade, 5 at R500 each per mensem.				
1. Babu Harish Chandra Chaki	Kamrup, Gauhati.				
2. „ Raj Mohan De, B.L.	Sylhet, Habiganj.				
3. Rai Sarat Chandra Banerji, Bahadur, M.A., B.L.	Kamrup.				
4. Mr. W. G. Black . .	Cachar, Silchar.				
5. Babu Chandra Nath Nandi	Sylhet, Sylhet.				
	3rd Grade, 10 at R400 each per mensem.				
1. Babu Siva Prasad Chakravarti.	Kamrup, Gauhati.				
2. „ Ishan Chandra Patranavis.	Sylhet.				
3. „ Jagat Chandra Das, B.L.	Sibsagar.				
4. Maulavi Hamid Bakht, Mazumdar.	Sylhet, Sylhet.				
5. Babu Shambhu Narayan Singh.	Ditto Karimganj.				
6. „ Guru Prasad Das .	Kamrup, Barpeta.				
7. Rai Jogesh Chandra Chaturji, Bahadur, M A., B.L.	Sylhet. Sunamganj.				
8. Babu Haliram Barua .	Nowgong.				
9. „ Ram Gopal Khan, B.A., B L.	Goalpara. Dhubri.				
10. Munshi Azizar Rahman .	Sibsagar, Sibsagar.				

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	ASSAM—*contd.*	R a. p.
	EXTRA ASSISTANT COMMISSIONERS (29)—*contd.*	
	2nd Grade, 7 at R300 each per mensem.	
1. Babu Jagat Bandhu Nag, B.L.	Cachar, Hailakandi.	
2. ,, Jiban Rai . .	Khasi and Jantia Hills, Shillong.	
3. Maulavi Najmul Hossein Ahmad.	Darrang, Mangaldai.	
4. Babu Madhav Chandra Bardalai, L.L.	Darrang, Tezpur.	
5. Mr. Manmatha Nath Ghose, M.A., B.L.	Sylhet, South Sylhet.	
6. Babu Prasanna Kumar Ghose.	Sibsagar, Golaghat. (*Privilege leave for 3 months, from 9th May 1888.*)	
7. ,, Kedar Nath Sanyal, B.A.	Sylhet, Habiganj.	
	1st Grade, 5 at R250 each per mensem.	
1. Babu Kanti Charan Mukherji.	Sibsagar.	
2. ,, Nrityagopal Chatterji, B.L.	Cachar, Silchar.	
3. ,, Gour Charan Das	Sylhet.	
4. Mr. C. J. F. More .	Sibsagar, Jorhat.	
5. Babu Kali Ram Chaudhuri, B.A., B.L.	Kamrup, Gauhati. (*Privilege leave 2 months 19 days, from 17th April 1888.*)	
,, Prakash Chandra Datta.	Kamrup, Gauhati. Superintendent, Commissioner's Office, Assam Valley District. (*Medical leave for 3 months from 20th April 1888.*)	
,, Parsu Ram Khaund.	Lakhimpur. (*Offg.*) (*Vice Mr. R. Lea, on furlough.*)	175 0 0+75
	HONORARY EXTRA ASSISTANT COMMISSIONER (1).	
1. Rai Shadhan Chandra, Bahadur.	Lakhimpur, Dibrugarh.	
	SUB-DEPUTY COLLECTORS.	
	1st Grade, 2 at R200 each per mensem.	
1. Babu Akshay Kumar Chatterji.	Sylhet, Sunamganj. (*Privilege leave for 3 months, from March 1888.*)	
2. Vacant.		
	2nd Grade, 3 at R175 each per mensem.	
1. Babu Parsu Ram Khaund .	Lakhimpur. (*Offg. as Extra Asst. Commr., vice Mr. R. Lea, on furlough.*)	
2. ,, Sarut Chandra Mazumdar.	Goalpara, Dhubri. (*Offg. Extra Asst. Commr.*)	
3. Vacant.		

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	ASSAM—*contd.*	*R a. p.*
	SUB-DEPUTY COLLECTORS—*contd.*	
	3rd Grade, 4 at R150 each per mensem.	
1. Babu Mahim Chandra Chakravarti.	Darrang, Tezpur.	
2. „ Jai Chundra Mitra .	Kamrup.	
3. „ Chandra Kanta Sen .	Kamrup, Rangia. (*Medical leave for 6 months+2 months 15 days, from 22nd November 1887*)	
4. „ G. C. P. Bhuyan .	Sibsagar, Golaghat.	
	4th Grade, 4 at R125 each per mensem.	
1. Babu Lakshmi Nath Kakati	Sibsagar, Jorhat	
2. „ Phamidhar Chaliha .	Darrang, Mangaldai.	
3. „ Dakshina Charan Sen.	Cachar.	
4. Munshi Mashiat Ulla .	Kamrup, Gauhati.	
	5th Grade, at R100 per mensem.	
1. Maulavi Muhammad Hamid	Cachar, Hailakandi. (*Temporary on probation.*)	
2. Babu Krishna Chandra Chaudhuri.	Dibrugarh.	
3. „ Rasik Lal Sen, B A. .	Dhubri. (*On probation*)	
4. „ Parbati Charn Roy Chaudhri, B.A, B L.	North Lakhimpur. (Ditto.)	
5. „ Rukmini Kanta Gupta	(*Offg. for Babu Akshay Kumar Chatterji.*)	
6. „ Bhola Nath Das .	Nowgong. (*On probation*)	
	TAHSILDARS.	
	1st Grade, R200 per mensem.	
1. Babu Gobinda Ram Chaudhuri.	Kamrup, Palasbari.	
	2nd Grade, R175 per mensem. (None.)	
	3rd Grade, R150 per mensem.	
1. Babu Damdarudhar Barkagati.		
	4th Grade, R125 per mensem.	
1. Babu Radhanath Barua .	Kamrup, Rangia.	
2. „ N. C. Biswas .	Cachar, Silchar.	

NAMES.	APPOINTMENTS	SALARIES AND ALLOWANCES PER MENSEM.
	ASSAM—*contd.*	R a. p.
	TAHSILDARS—*contd.*	
	5th Grade, R100 per mensem.	
1. Babu Prithiram Chaudhuri	Cachar, Bajali.	
2. „ Kali Ram Das .	Kamrup, Chaygaon. (*On probation.*)	
3. „ Chini Ram Das .	Kamrup, Chamariya. (Ditto.)	
4. „ Jaga Bandhu Das .	Cachar, Hailakandi.	
5. „ Bangshidhur Sarma Barua.	Kamrup, Pati Darrang. (*On probation.*)	
6. „ Purandhar Das Chaudhuri.	Darrang, Mangaldai.	
7. „ Konok Nath Surma	Darrang, Gabru. (*On probation.*)	
8. „ Chana Ram Dutta .	Kamrup, Luki.	
9. „ Ratneswar Goswami.	„ Hajo. (*On probation.*)	
10. „ Aharu Das .	„ Tambulpur. (Ditto.)	
11. „ Rabi Chandra Sarma	Tezpur, Tahsil Darrang.	
	SUBORDINATE JUDICIAL SERVICE.	
	Subordinate Judge, 2nd Grade.	
1. Babu Jiban Kristo Mukharji	Sylhet.	600 0 0
	Munsifs, 1st Grade, R400 per mensem	
1. Babu Ram Chandra Dhar .	Sylhet, Habiganj. (*Leave for 2 months + 1 month + 1 month from March 1888.*)	
2. „ Prem Chand Pal .	Habiganj. 2nd Munsif.	
3. „ Umakant Chatterji .	Sylhet. Maulvi Bazar, 1st Munsif.	
4. Maulavi Mohabat Ali .	„ Karimganj.	
	Munsifs, 2nd Grade, R300.	
1. Babu Gopal Chandra Banerji	Sylhet. (*Medical leave for 3 months from 18th May 1888.*)	
2. „ Purna Chandra Dey, M.A., B L.	Sylhet, Habiganj. 3rd Munsif.	
	Munsifs, 3rd Grade, R250.	
1. Babu Harmohun Bose, L L.	Sylhet, 2nd Sadr Munsif.	
2. „ Pran Krishna Biswas	Sylhet, Sunamganj.	
	Munsifs, 4th Grade, R200.	
1. Babu Ashutosh Banerji, B A, B.L.	Sylhet. Maulavi Bazar. (Sub. *pro tem*) 2nd Munsif.	
	Officiating Munsifs.	
1. Babu Atul Chandra Batabyal, B L.	Sylhet, Habiganj. (*Offg.* for Babu Ram Chandra Dhar.)	200 0 0
2. „ Kamala Nath Das, B.L.	Sylhet, Sylhet. (*Offg* for Babu Gopal Chandra Banarji.)	200 0 0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	ASSAM—*contd.*				
	Jail Department.				
	Superintendents of Jails.				
Surgeon J. W. U. Macnamara	Sylhet	Allowance .	150	0	0
Surgeon-Major S. Borah .	Gauhati	,, .	100	0	0
Surgeon R. N. Campbell .	Tezpur	,, .	75	0	0
		Supdt. of Tezpur Lunatic Asylum .	150	0	0
		Total .	225	0	0
The Deputy Commissioner, Khasi and Jaintia Hills.	Shillong.				
	Education Department.				
Mr. J. Willson, M.A. . .	Inspector of Schools, Assam, 3rd class, Bengal Education Department. (*Offg. in Class II from 4th April 1888.*)		1,00[redacted]0	0	0
	Deputy Inspectors of Schools (4).				
	1st Grade (1) on R200 per mensem.				
Babu Nava Kisor Sen . .	Sylhet, Surma Valley.				
	2nd Grade (1) on R150 per mensem.				
Babu Hari Mohan Lahiri .	Gauhati, Lower Assam.				
	3rd Grade (2) on R125 per mensem.				
Babu Ratnadhar Datta .	Sibsagar, Upper Assam.				
,, Giris Chandra Datta .	(*Six months' leave from 18th February 1888.*)				
	Medical Department.				
Depy. Surgn.-Genl. A. Eteson, M.D.	Sanitary Commr. of Assam, Shillong .		1,800	0	0
Surgeon-Major S. Borah, M.B.	Gauhati. Passed in Angami-Naga language.		750	0	0
		Superintendent of Jail	100	0	0
		Labour Transport Fund .	50	0	0
		Total .	900	0	0
Surgeon J. Mullane, M.D. .	(*Furlough for 1 year, from 29th May 1888.*)				

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	ASSAM—*contd.*				
	Medical Department—*contd.*				
Surgeon R. N. Campbell, M.B.	Tezpur		550	0	0
		Superintendent, Tezpur Lunatic Asylum .	150	0	0
		Superintendent of Jail	75	0	0
		Labour Transport Fund .	50	0	0
		Total .	825	0	0
„ J. W. N. Macnamara, M.D.	Sylhet		550	0	0
		Superintendent of Jail	150	0	0
		Total .	700	0	0
„ R. R. Whitwell, M.B.	Dibrugarh		550	0	0
		Labour Transport Fund	50	0	0
		Total .	600	0	0
„ E. F. H. Dobson, M.B.	Dhubri		550	0	0
		Labour Transport Fund .	100	0	0
		Meteorological allowance .	30	0	0
		Total	680	0	0
„ Hem Chundra Banerji	Sibsagar. (*In transit*).				
„ P. de Conceicao .	Naga Hills, Kohima. (Ditto.)				
„ J. T. Daly, M.B. .	Shillong. (*Offg.*) 43rd G. L. I.				
„ W. H. B. Robinson	Kohima. (*Offg.*) 44th G. L. I.				
Dr. T. d'O. Partridge . .	Cachar		700	0	0
		Labour Transport Fund .	50	0	0
		Total	750	0	0
„ Pyari Mohun Gupta, M.B.	Garo Hills, Tura		350	0	0
		Garo Hills allowance .	100	0	0
		Total .	450	0	0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	ASSAM—*contd.*				
	Medical Department—*concld.*				
Apothecary J. McNaught	Nowgong. Passed in Garo language		450	0	0
Asst. Surgn. Narayan Chandra Basu.	Silchar. (*Privilege leave for 3 months, from July 1888.*)		100	0	0
		Labour Transport Fund	50	0	0
		Total	150	0	0
,, Atul Chandra Ray	Dhubri		100	0	0
		Paid from Labour Transport Fund.			
,, Annada Prasad Ghosh.	Dibrugarh		100	0	0
	Ecclesiastical Department.				
Revd. W. A. Hamilton	Junior Chaplain, Gauhati and Shillong		500	0	0
		Shillong allowance 6 months in the year	150	0	0
	Other Clergymen receiving allowances from Government.				
Revd. T. T. Crossfield	Cachar		150	0	0
,, D. J. Flynn	Tezpur		100	0	0
,, C. Dowding	Dibrugarh		150	0	0
Vacant	Sibsagar		100	0	0
Vacant	Sylhet		53	0	0
	Ministers licensed to solemnize marriages under Clause 3, Section 5, Act XV of 1872.				
Revd. R. E. Neighbor	Nowgong. (*On furlough.*)				
,, E. W. Clark	Sibsagar.				
,, S. Endle	Darrang. (*On furlough.*)				
,, G. Griffiths	Khasi Hills.				
Pastor Siram	Goalpara.				
Revd. P. H. Moore	Nowgong.				
	Missionaries with powers under Section 9, Act XV of 1872.				
Revd. T. Jerman Jones	Khasi Hills.				
,, J. Roberts	Ditto.				
,, U. Don Roy	Ditto.				
,, John Jones	Ditto.				
,, P. H. Moore	Newgong.				
,, T. J. Goldsmith	Ditto.				
Ram Khe Garo	Garo Hills.				
Revd. A. K. Gurney	Sibsagar.				
,, M. C. Mason	Garo Hills.				

Names.	Appointments.	Salaries and Allowances per mensem.
	ASSAM—*contd.*	
		R a. p.
	Ecclesiastical Department—*contd.*	
	Missionaries with powers under Section 9, Act XV of 1872—contd.	
Revd. E. G. Phillips . .	Garo Hills.	
Malgong Garo . . .	Ditto.	
Revd. W. Williams . .	Khasi Hills.	
„ R. Evans . . .	Ditto.	
„ C. L. Stephens . .	Ditto.	
Pastor Siram . . .	Goalpara.	
Sanatan Shom . . .	Sylhet.	
Revd. C. D. King . .	Naga Hills.	
„ W. E. Witter . .	Sibsagar. (*On leave.*)	
„ S. W. Rivenburg .	Kohima.	
„ U. Dorkha . .	Khasi and Jaintia Hills.	
„ Jang Laku . .	Jowai.	
Dr. A. D. Hughes . .	Ditto.	
U. Sati Kyngor . . .	Mannai.	
Rankhu Garo . . .	Rewak, Garo Hills.	
Towang Garo . . .	Chatchalija, Garo Hills.	
	Ministers licensed to solemnise marriages under Sec. 6, Act XV of 1872	
Revd. Issac P. Row . .	Within the Province of Assam.	
„ T. Jerman Jones .	Ditto ditto ditto.	
„ John Pengwern Jones .	Ditto ditto ditto.	
	Marriage Registrars under Act XV of 1872.	
	(All Deputy Commissioners of the Province.)	
	Marriage Registrars under Act III of 1872.	
	(All Sub-Registrars at Sadr Stations.)	
	Police Department.	
Mr. H. C. Williams, C.S. .	Inspector General of Police, Assam .	1,666 10 8
		Allowance 166 0 0
		Total . 1,832 10 8
	Commandants, Frontier Police, Assam.	
Capt. E. H. Molesworth .	Lakhimpur, 13th B. L. I. (*Leave on private affairs for 1 year.*)	674 1 6
Lieut. D. C. F. Macintyre .	Naga Hills, Kohima, 1st Battalion, 2nd Goorkas.	451 12 0
		Local Naga allowance 100 0 0
		Total . 551 12 0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	
			a. p.
	ASSAM—*contd.*		
	POLICE DEPARTMENT—*contd.*		
	District Superintendents of Police.		
	1st Grade.		
Mr. W. W. Daly . . .	Cachar, Silchar. Passed in Lushai an d Kachari languages. (*Commandant, Frontier Police, Surma Valley Battalion.*)	1,000	0 0
	3rd Grade, at R700 each per mensem.		
Mr. D. W. Ritchie . .	Sylhet.		
„ A. E. C. Bolst . .	Goalpara, Dhubri.		
	4th Grade, at R600 per mensem.		
Mr. W. B. Savi . . .	Commandant, Frontier Police, Garo Hills	600	0 0
		Local allowance 100	0 0
		Total . 700	0 0
	5th Grade, at R500 each per mensem.		
Mr. L. E. Fabre Tonnerre .	Sibsagar.		
Mr. F. R. Guise . . .	Lakhimpur.		
	Assistant Superintendents of Police (6).		
	1st Grade, at R400 per mensem.		
Mr. W. B. Waller . .	Darrang		
	2nd Grade, at R300 each per mensem.		
Mr. E. Muspratt . .	Wakha, Sub-Divisional officer, Naga Hills. (*Offg. 1st Grade.*)	300	0 0
		Special allowance . 100	0 0
		Naga Hills allowance 100	0 0
		Acting allowance . 100	0 0
		Total . 600	0 0
„ L. St. J. Brodrick . .	(*Leave on private affairs for 6 months, from 23rd June 1888.* Passed in the Kachari language.)		

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	ASSAM—*contd.*	*R a. p.*
	POLICE DEPARTMENT—*contd.*	
	Assistant Superintendents of Police (6) —contd.	
	2nd Grade, at R300 each per mensem—contd.	
Mr. E. C S. Baker . .	North Cachar. (*Offg.*) *Asst. Supdt. of Police, 1st Grade, from 27th July 1886.*)	300 0 0
		Acting allowance . 100 0 0
		Local allowance 150 0 0
		Total . 550 0 0
„ F. A. Fullerton . .	Nowgong. (*Offg. Asst. Supdt. of Police, 1st Grade, from 8th November 1886.*)	300 0 0
		Acting allowance . 100 0 0
		Total . 400 0 0
	3rd Grade on R250.	
„ A. B. C. Comber . .	(*Offg.*) Kamrup	250 0 0
	REGISTRATION DEPARTMENT.	
	The Inspector General of Registration is Registrar of Joint Stock Companies, and also Inspector General of Police.	
	The Inspector General of Registration Offices, Assam, is also Special Sub-Registrar of Shillong, and Assistant Registrar of Joint Stock Companies.	
	Registrars.	
	(All Deputy Commissioners in their respective districts.)	
	COORG.	
Sir C. E. Bernard, B.C.S., K C.S.I.	Chief Commissioner and Judicial Commissioner of Coorg.	No salary or allowance paid to this officer from the revenues of Coorg.
Genl. Sir H. N. D. Prendergast, K.C.B., V.C., R.E.	*Offg.* ditto.	
Mr. F. E. K. Wedderburn, M C.S.	Secretary	Allowance R250 0 0
Col. T. G. Clarke, M.S.C. .	Commissioner of Coorg	Salary R1,500 0 0
Mr. B. C. Leggatt . .	1st Asst. Commissioner and District Magistrate of Coorg.	„ 760 0 0
„ K. Ganapathy (Uncov.) .	2nd Asst. Commissioner . . .	„ 300 0 0
Surgeon J. C. Marsden .	Civil Surgeon and Supdt. of Mercara Jail	Salary R550+50 Jail Allowance.
Mr. E. Marsden, B.A. (Uncov).	Principal, Mercara High School, and Inspector of Schools in Coorg.	„ 750

Names.	Appointments.	Salaries and Allowances per mensem.
	HYDERABAD.	
	Judicial.	
Rao Bahadur Purshottam Rao Narayan (Uncov.)	Judge, Small Cause Court, Amraoti .	R600
Mr. Ganesh Shrikrishna Khaparde, B.A., LL.B. (Uncov)	(*Offg.*) ditto, Akola .	„ 250
Mr. Mancksha Ruttonji Dastur.	Ditto, ditto, Khamgaon .	„ 250
Mr. C. A. W. Davies . .	(*Offg*). Special Assistant Commissioner, Amraoti.	„ 900, includes acting allowance.
Maulvi Mahomed Nizamuddin Hassan Khan, B.A., B L. (Uncov.)	Ditto ditto Akola . .	„ 558-8-0 ditto ditto.
	Jails, Registration and Stamps.	
Lieut.-Col. C. T. Lane, B.S C.	Inspector-General of Jails, Registration, Police, and Stamps.	R1,600, includes personal allowance.
	Sanitation and Medical.	
Surgn.-Major C. Little, M.D. .	Sanitary Commissioner, Inspector-General of Dispensaries, and Superintendent of Vaccination.	R1,200 .
„ T. Hume, M B.	Civil Surgeon, Amraoti . . .	„ 900, includes Jail allowance.
Surgeon J. J. Moran, M D. .	Ditto, Akola . . .	„ 700 ditto ditto.
Surgeon R. B. Roe . .	Civil Surgeon, Yeotmal . . .	„ 600 ditto ditto.
Senr. Apothecary D. Callaghan	Civil Surgeon, Buldana . . .	„ 500 includes Jail allowance.
Surgeon F. J. Doyle . .	Civil Surgeon, Ellichpur . . .	„ 150 in addition to milv. pay for duties in Civil Department.
Apothecary O. W. Jones, M.D.	Ditto, Basin. (*On privilege leave*)	„ 350 includes Jail allowance.
Asst. Apothecary W. J. Montgomery.	Asst. to Civil Surgeon, Amraoti. (*Offg.* Civil Surgeon, Basin).	„ 360 includes Jail and acting allowance.
	Education.	
Rao Br. Shriram Bhikaji Jatar, B.A. (Uncov.)	Director of Public Instruction . .	R1,000
Mr. Vishnu Moreshwar Mahajani, M.A. (Uncov.)	Inspector of Schools	„ 300*

* R300 rising to R500.

NAMES	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	HYDERABAD—*contd.*	
	POLICE.	
Lieut.-Col. C. T. Lane, B.S.C. .	Inspector-General of Police . .	R1,600, includes personal allowance.
	District Superintendents.	
Mr. F. Wright (Uncov.) .	District Superintendent, 1st Class .	R1,000 + R50 Railway allowance.
„ N. R. Cumberlege (Uncov.)	District Superintendent, 2nd Class. (*On furlough*)	
Lieut-Col. E. J. Gunthorpe, M.S.C.	Ditto ditto, 3rd Class. (*On special leave.*)	
Mr. H. F. Cotgrave (Uncov.) .	Ditto ditto, ditto .	R700
„ E. W. D. Moffat . .	Ditto ditto, 4th Grade. (*Offg. 2nd Grade.*)	„ 800, includes acting allowance.
„ H. A. Heath . .	Ditto ditto, ditto. (*Offg. 3rd Grade.*)	„ 700 ditto ditto.
„ C. A. Fraser . .	Assistant District Superintendent, 1st Grade. (*Offg. Dist. Supdt., 4th Class.*)	„ 600 ditto ditto.
„ Yezdiar R. Viccaji .	Assistant Superintendent (1st Grade). (*Offg. ditto, 4th Class.*)	„ 650 ditto and Railway allowance.
„ J. T. B. D. Sewell . .	Ditto ditto, (2nd Grade) . (*Offg. 1st Grade.*)	„ 400, includes acting allowance + 30 horse allowance.
„ F. T. Coode . . .	(*Offg.*) Asst. Supdt., 2nd Grade . .	„ 300
„ R. MacGill . . .	Ditto ditto . . .	„ 300, includes acting allowance.
	PORT BLAIR AND THE NICOBARS.	
	1 Chief Commissioner and Superintendent at R2,500, rising to R3,000 per mensem by R100 annually.	
1. Col. T. Cadell, V.C. . .	Chief Commissioner and Superintendent	R3,000
	1 Depy. Supdt. at R1,000, rising to R1,500 per mensem by R100 annually.	
1. Capt. H. M. Thornhill .	Deputy Superintendent	R1,000
	1st Asst. Supdt., 1 at R850, rising to R1,000 per mensem by R50 annually.	
1. Mr E. H. Man . .	1st Asst. Superintendent . . .	R850 + 150
	2nd Asst. Supdt, 1 at R700, rising to R850 per mensem by R50 annually.	
1. Mr. F. E. Tuson . .	2nd Asst. Supdt. (*On furlough*) . .	R700 + 100

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	PORT BLAIR AND THE NICOBARS—*contd.*	
	3rd Asst. Supdt., 1 at R500, rising to R700 per mensem by R50 annually.	
1. Mr. O. H. Brookes . .	3rd Asst. Superintendent . . .	R600
	Extra Asst. Supdts., 1st Class, 2 at R400, rising to R600 per mensem by R25 annually.	
1. Mr. H. Godwin-Austen .	Extra Asst. Supdt., 1st Class . .	R475
2. „ M. V. Portman . .	Ditto ditto . .	„ 355 + 90
	Extra Asst. Supdts., 2nd Class, 3 at R250, rising to R400 per mensem by R25 annually.	
1. Mr. W. Jessop . .	Extra Asst. Supdt., 2nd Class.(*On privilege leave.*)	
2. „ R. Wimberley . .	Extra Asst. Supdt., 2nd Class . .	R325
3. „ T. J. M. Metcalfe .	Ditto ditto . .	„ 250
Mohamad Ashik Ali Khan .	(*Offg.*), ditto . . .	„ 250
	MEDICAL.	
Surgn.-Major W. N. Keefer . .	Senior Medical Officer. (*On sick leave.*)	
Surgeon P. G. Mackenzie, M.B.	(*Offg.*) Senior Medical Officer . .	R800 + 199—15—11
Mr. G. C. D. Gupta, L.M.S. .	Junior Medical Officer . . .	„ 150 + 75 + 150
„ R. C. Mozumdar . .	Ditto ditto	„ 100 + 50 + 100
„ A. K. Chowdhuri . .	Ditto ditto	„ 150 + 75 + 150
	ECCLESIASTICAL.	*R a. p.*
Revd. C. H. Chard . .	Junior Chaplain	600 0 0
	MISCELLANEOUS.	
The Hon'ble G. C. Paul, B.A., C.I.E, (*Barrister-at-Law*).	Advocate-General	3,448 8 0
Mr. A. Phillips (*Barrister-at-Law*).	Standing Counsel. (*Furlough for 1 year, from 12th April 1888.*)	
„ L. Pugh (*Barrister-at-Law*).	(*Offg.*) ditto.	

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	MISCELLANEOUS—*contd.*	
Mr. R. L. Upton . .	Solicitor to Government.	*R* *a.* *p.*
„ C. M. W. Brett, C.S. (*Barrister-at-Law*).	Registrar, High Court, Calcutta, Appellate Side.	1,700 0 0
„ R. Belchambers . .	Registrar, High Court, Calcutta, Original Side, Keeper of Records, Taxing Officer, Accountant-General, and Sealer, &c.	1,875 0 0
„ L. P. D. Broughton (*Barrister-at-Law*).	Administrator-General.	
Col. H. S. Jarrett . .	Secretary, Board of Examiners . .	2,000 0 0
Surgn.-Genl. Sir Benjamin Simpson, B.A., M.D., K.C.I.E.	Sanitary Commissioner and Surgeon-General with the Government of India. (*Furlough on medical certificate for 183 days, from 20th April 1888.*)	
Dy. Surgn.Genl. W. Walker, M.A., M.D., LL.D., F.R.C.S., Edin.	(*Offg.*) Surgeon-General and Sanitary Commissioner with the Government of India.	
Surgn.-Major A. Barclay, M.B.	Secy. to the Surgeon-General and Sanitary Commissioner with the Government of India. (*Furlough, on medical certificate, for 1 year, from 22nd January 1888.*)	1,400 0 0*
„ G. Bomford, M.D.	(*Offg.*) Secy. to the Surgeon-General and Sanitary Commissioner with the Government of India.	
„ D. Wilkie, M.B. .	Statistical Officer to the Government of India in the Sanitary and Medical Department. (*Furlough on private affairs, for 1 year from 4th April 1888.*)	
„ G. Hutcheson, M.D., C.M.	(*Offg.*) Statistical Officer to the Government of India in the Sanitary and Medical Department.	
„ S. H. Browne .	In joint medical charge, Simla . .	750 0 0
„ G. F. A. Harris .	Ditto ditto . . .	550 0 0

* R1,200 rising to R1,400.

List of Civil Officers holding gazetted appointments under the Government of India, in the Legislative Department, as it stood on the 1st July 1888.

Names.	Appointments.	Salaries and Allowances per mensem.
		₹ a. p.
The Hon'ble A. R. Scoble, Q.C.	Ordinary Member of the Governor General's Council.	6,400 0 0
„ „ W. S. Whiteside.	Additional Member of Council of the Governor General for making Laws and Regulations.	3,200+616 10 8
„ „ J. W. Quinton, C.S.I.	Ditto ditto . . .	3,500+616 10 8
„ „ F. M. Halliday .	Ditto ditto . . .	2,916-10-8+616 10 8
„ „ G. R. Elsmie .	Ditto ditto . . .	3,500+616 10 8
Mr. S. Harvey James, C.S. .	Secretary to the Government of India in the Legislative Department.	2,500 0 0
„ J. M. Macpherson (*Barrister-at-Law*).	Deputy Secretary, ditto . . .	2,000 0 0
Col. H. S. Jarrett . .	Assistant Secretary, ditto . . .	2,000 0 0

List of Officers holding gazetted appointments under the Government of India in the Foreign Department, as it stood on the 1st July 1888.

Names.	Appointments.	Salaries and allowances *per mensem.*
	Secretariat.	
		Rs. *a.* *p.*
Mr. H. M. Durand, C.S I., C.S.	Secretary . . .	4,000 0 0
Mr. W. J. Cuningham, Bo. C.S.	Under-Secretary .	1,700 0 0*
Mr. J. A. Crawford, Bo. C.S. (*Leave to the 28th September 1888*).	Junior Under-Secretary .	1,200 0 0
Mr. G. R. Irwin, C. S. .	Offg. Jr. Under-Secretary	1,033 5 4
Lieut. W. H. Cornish, S.C. (*Pol. Asst., 3rd Class, Offg. Pol. Agent, 3rd Class.*)	Assistant Secretary .	833 5 4
Lieut. J. Manners Smith, S.C. (*Offg. Pol. Asst., 2nd Class.*)	Attaché . . .	600 0 0
Kazi Saiyid Ahmad, Khan Bahadur, C.I.E., U.C.S. (*Leave, m.c., to the 18th December 1888.*)	Attaché . . .	800 0 0
Kazi Muhammad Aslam Khan, C.M.G., N.C.S., *Asst. Comn., 3rd grade, Punjab.*	Offg. Attaché . .	400 0 0

* Including Rs. 200 as Officer in Charge of the Press Commissioner's Office.

Appointments.	Names.
	Hyderabad.
Resident	*Mr. J. G. Cordery, C.S.I., C.S.* . . Mr. A. P. Howell, C.S. (*Offg.*) . .
1st Assistant and Secretary for Berar to the Resident .	Mr. G. S. Forbes, M.C.S. . . .
2nd Assistant to the Resident, and Assistant Secretary for Berar. Superintendent, Residency Bazaars.	Mr. A. L. P. Tucker, Bo. C.S. . .
Residency Surgeon	Surgeon-Major E. Lawrie, M.B. . .

* The equivalent of
† "
‡ "

Salaries and allowances *per mensem*.			Remarks.
Rs.	*a.*	*p.*	
.....			*Resident, 1st Class. Fur., m. c., to the 15th July 1888.*
2,500	0	0	Pay.
1,000	0	0	Acting allowance.
1,000	0	0	Special allowance.
4,500	0	0	
1,200	0	0	Political Agent, 2nd Class, sub. *pro tem.*
250	0	0	Local allowance as Secretary for Berar.
200	0	0	Allowance as Judge for trial of Thagi and Dakaiti cases.
1,650	0	0	
800	0	0	Offg. Political Assistant, 1st Class.
250	0	0	Allowance as Superintendent, Residency Bazaars.
1,050	0	0	
750	0	0	Residency Surgeon.
414	3	0	Superintendent of Vaccination.
414	3	0	Superintendent of Medical School.
427	11	1*	Attendance on Nizam and family.
256	9	10†	Surgeon, Afzalganj Hospital.
171	1	3‡	In charge Nizam's Medical Stores.
2,433	12	2	

Halli Sicca Rs. 500
" " " 300
" " " 200

Appointments.	Names.
	Hyderabad
Assistant to the Resident, and to the General Superintendent of Operations for the Suppression of Thagi and Dakaiti, at Hyderabad.	Lieutenant M. A. Tighe, M.S.C. . .
Extra Assistant Resident in charge of the Residency Civil Offices and Treasury.	Mr. A. W. S. Murray, U.C.S. . .
Honorary Attaché	Rustomji Faridonji . . . . .
Clerk of the Resident's Court, and Government Translator.	Bandhuji Janardan Chaobal, U.C.S. .
Cantonment Magistrate, and Judge, Small Cause Court.	*Major A. P. Thornton, S.C.* . . .
	Captain A. M. Muir, S.C. (*Political Assistant, 2nd Class*), *Offg.*
Assistant Cantonment Magistrate . . .	Syed Shams-ud-din Ali Khan Bahadur, U.C.S.
Attaché to the Resident	Hyder Ali Khan, U.C.S. . . .
Ditto	C. Shama Rao, U.C.S. . . . .
Ditto	Kumar Shree Harbamji Rawaji, U.C.S. .
Ditto	Mir Hashmath Ali, U.C.S. . . .

Salaries and allowances *per mensem.*			Remarks.
—concluded.			
Rs	*a*	*p.*	
400	0	0	Offg. Political Assistant, 3rd Class, and in temporary Command of the Resident's Escort.
500	0	0	
200	0	0	Wun (Yeotmal). His Highness the Nizam's Officer, temporarily appointed to the Berar Commission.
400	0	0	Extra Assistant Commissioner, 3rd Class.
50	0	0	Allowance as Government Translator.
450	0	0	
.....			*Fur., p. a., 1 yr., G. G. O., dated the 14th October 1887.*
866	10	8	Secunderabad.
900	0	0	Assistant Commissioner, 2nd (Offg 1st) Class, Secunderabad.
200	0	0	Ellichpur (Daryapur).
200	0	0	Secunderabad.
200	0	0	Akola.
200	0	0	Basim.

Designation and name.	Date of appointment to commission.
	Berar.
Commissioner.	*One, on Rs. 2,750*
Vacant.	
Colonel H. C. A. Szczepanski, S.C. (sub. *pro tem*) . . .	10th November 1864 . .
Judicial Commissioner.	*One, on Rs. 2,250*
Vacant.	
Colonel K. J. L. Mackenzie, M.S.C. (sub. *pro tem*) . . .	29th April 1862 . . .
Deputy Commissioners.	*1st Class, one, on Rs.*
Colonel H. C. A. Szczepanski, S.C.	*10th November 1864* . .
Lieut.-Col. R. Bullock, M.S.C. (*Offg.*)	18th July 1862 . . .
	2nd Class, two, on Rs.
Colonel K. J. L. Mackenzie, M.S.C.	*29th April 1862* . . .
Colonel J. FitzGerald, S.C.	*29th August 1862* . .
Mr. H. B. Knowlys, U.C.S. (*Offg.*)	*18th October 1866* . . .
Mr. H. S. Nicholetts, U.C.S. (*Offg.*)	9th June 1865 . .
Lieut.-Col. H. DeP. Rennick, S.C. (*Offg.*)	19th April 1869 . . .
	3rd Class, three, on Rs.
Lieut.-Col. R. Bullock, M.S.C.	*18th July 1862* . . .
Mr. H. B. Knowlys, U.C.S.	*18th October 1866* . .
Lieut.-Col. E. S. Ludlow, C.I.E., M.S.C. (*Seconded*) . .	*16th November 1880* . .
Col. F. W. Grant, S.C.	*15th January 1865* . .
Mr. A. Elliott, U.C.S. (*Offg.*)	28th May 1869 . . . .
Captain J. G. Morris, S.C. (*Offg.*)	4th April 1887 . . .
Mr. R. Obbard, C.S. (*Offg.*)	1st April 1887 . — . .
Special Assistant Commissioners.	*Two, on Rs.*
Mr. R. Obbard, S.C.	*1st April 1887* . . .
Captain W. Hastings, S.C.	*7th September 1887* . .
Mr. C. A. W. Davies, U.C.S. (*Offg.*)	22nd March 1855 . . .
Maulavi Mahomed Nizam-ud-Din Hassan Khan, U.C.S. (*Offg.*) .	11th July 1881 . . .
Assistant Commissioners.	*1st Class, three, on Rs.*
Mr. H. S. Nicholetts, U.C.S.	*9th June 1865* . . .
Lieut.-Col. H. DeP. Rennick, S.C.	*19th April 1869* . . .
Mr. A Elliott, U.C.S.	*28th May 1869* . . .
Syed Shams-ud-Din Ali Khan Bhahadur, U.C.S. (*Offg.*) . .	9th July 1878 . . .
Mahomed Yasin Khan, U.C.S. (*Offg.*)	3rd May 1876 . . .
Dastur Edalji Bahmanji, U.C.S. (*Offg.*)	15th July 1876 . . .

Date of promotion to present grade.	Remarks.
per mensem.	
22nd May 1888 . . .	Amraoti.
per mensem.	
26th May 1888 . . .	Amraoti.
1,833-5-4 per mensem.	
5th February 1885 . .	*Commissioner* sub. *pro tem.*
2nd June 1888 . . .	Amraoti.
1,666-10-8 per mensem.	
5th February 1885 . .	*Judicial Commissioner* sub. *pro tem.*
3rd June 1886 . . .	*Fur., m. c., to the 7th October 1888.*
8th April 1887 . . .	*Basim. Privilege leave to the 5th August 1888.*
16th May 1888 . . .	Buldana.
2nd June 1888 . . .	Wun (Yeotmal).
1,333-5-4 per mensem.	
21st March 1880 . . .	*Officiating 1st Class.*
10th May 1886 . . .	*Officiating 2nd Class.*
20th May 1887 . . .	*Transferred to Foreign Service, 11th February 1884.*
20th May 1887 . . .	*Special leave to the 19th October 1888.*
12th April 1888 . . .	Akola.
16th May 1888 . . .	Basim.
2nd June 1888 . . .	Ellichpur.
1,000 per mensem.	
1st April 1887 . . .	*Officiating Deputy Commissioner, 3rd Class.*
7th September 1887 . . .	*Fur., p. a., to the 20th December 1888.*
23rd April 1888 . . .	Amraoti.
27th May 1888 . . .	Akola.
900 per mensem.	
5th February 1885 . .	*Officiating Deputy Commissioner, 2nd Class.*
10th May 1886 . . .	*Officiating Deputy Commissioner, 2nd Class.*
20th May 1887 . . .	*Officiating Deputy Commissioner, 3rd Class.*
5th February 1888 . .	Assistant Cantonment Magistrate, Secunderabad.
23rd April 1888 . . .	Amraoti (Badnera).
16th May 1888 . . .	Amraoti.

Designation and name.	Date of appointment to commission.
	Berar
Assistant Commissioners—*concluded.*	*2nd Class, three, on Rs.*
Mr. A. J. Dunlop, U.C.S. (Seconded)	*1st September 1869* . .
Mr. R. D. Hare, U.C.S. (Seconded)	*9th November 1875* . .
Captain J. G. Morris, S.C.	*4th April 1887* . . .
Mr. C. A. W. Davies, U.C.S.	*22nd March 1855* . .
Syed Shams-ud-din Ali Khan Bahadur, U.C.S. . .	*9th July 1878* . . .
	3rd Class, five, on
Yar Mahomed Khan, U.C.S. (Seconded)	*26th May 1881* . . .
Mahomed Yasin Khan, U.C.S.	*3rd May 1876* . . .
Dastur Edalji Bahmanji, U.C.S.	*15th July 1876* . . .
Captain R. V. Garrett, S.C.	19th June 1887 . . .
Maulavi Mahomed Nizam-ud-Din Hassan Khan, U.C.S. .	*11th July 1881* . . .
Lieutenant R. D. C. Davies, S.C.	19th November 1887 . .
	3rd Class, Supernumerary,
Pandit Suraj Narayen, U.C.S.	7th October 1881 . .
Extra Assistant Commissioners.	*1st Class, two, on*
Rao Bahadur Purshottam Rao Narayan, U.C.S. . . .	28th September 1868 . .
Shrikrishna Narhar, U.C.S.	1st January 1858 . . .
	2nd Class, two, on
Vishnu Sadaseo, U.C.S. (Seconded)	—— *March 1862* . . .
Atmaram Bhikaji, U.C.S.	13th November 1858 . .
Vacancy.	

Date of promotion to present grade.	Remarks.
—continued.	
700 per mensem.	
10th May 1886	*Transferred to Foreign Service, 24th May 1883. (Furlough to the 12th October 1888.)*
10th May 1886	*Ditto ditto 18th April 1887.*
4th April 1887	*Officiating Deputy Commissioner, 3rd Class.*
20th May 1887	*Officiating Special Assistant Commissioner.*
18th August 1887	*Officiating, 1st Class.*
Rs. 500 per mensem.	
26th May 1881	*Transferred to Foreign Service, 1st April 1887*
28th April 1883	*Officiating 1st Class.*
10th May 1886	*Ditto.*
19th June 1887	Amraoti.
1st September 1887	*Officiating Special Assistant Commissioner.*
19th November 1887	Ellichpur.
one, on Rs. 500 per mensem.	
7th April 1887	Basim.
Rs. 600 per mensem.	
29th April 1884	Judge, Small Cause Court, Amraoti.
1st April 1885	Akola (Telhara).
Rs. 500 per mensem.	
6th November 1885	*Transferred to Foreign Service, 23rd December 1882.*
6th November 1885	Buldana.

Designation and name.	Date of appointment to commission.
	Berar
Extra Assistant Commissioners—*concluded.*	*3rd Class, five, on*
Bandhuji Janardan Chaobal, U.C.S.	16th November 1881 . .
Munshi Ajudhia Pershad, U.C.S.	15th September 1885 . .
Deo Rao Jeykrishna, U.C.S.	1st January 1860 . . .
Vacancy.	
Vacancy.	
	4th Class, four, on
Vishwanath Narayan Dandekar, U.C.S.	23rd October 1878. . .
Mr. C. H. Price, U.C.S.	15th September 1885 . .
Vacancy.	
Vacancy.	
	5th Class, four, on
Maniksha Ruttanji Dastur, U.C.S.	21st September 1885 . .
Ganesh Shrikishna Khaparde, U.C.S.	24th September 1885 . .
Ardasir Dinshaji, U.C.S.	23rd January 1873 . .
Waman Narayen Bapat, U.C.S.	23rd December 1868 . .
Mr. R. MacGill, U.C.S.	16th February 1886 . .
Kesheo Rao Jey Krishna, U.C S.	10th May 1886 . . .
Mr. S. H. King, U.C.S.	30th January 1887 . .
Ganpat Babji Sahasrbudhe, U.C.S. (*Seconded*) . . .	*11th April 1887* . . .
Ambadas Santu, U.C.S.	1st May 1858 . . .
M. Vishwanadham Moodliar, U.C.S. (*Offg.*)	15th February 1888 . .

Date of promotion to present grade.	Remarks.
—concluded.	
Rs. 400 per mensem.	
6th November 1885 . .	Hyderabad. Clerk of the Resident's Court. Allowance of Rs. 50 as Government Translator.
24th June 1886 . . .	Basim.
1st July 1887 . . .	Wun (Yeotmal).
Rs. 300 per mensem.	
1st July 1887 . . .	Basim.
1st July 1887 . . .	Akola.
Rs. 250 per mensem.	
21st September 1885 . .	Officiating Judge, Small Cause Court, Akola (Khangaon).
24th September 1885 . .	Officiating Judge, Small Cause Court, Akola.
1st April 1885 . . .	Amraoti (Morsi).
23rd January 1886 . .	Judge, Small Cause Court, Buldana (Malkapur).
16th February 1886 . .	Amraoti.
10th May 1886 . . .	Ellichpur.
30th January 1887 . .	Buldana.
11th April 1887 . . .	*Transferred to the Resident's Office, 14th December 1887.*
14th December 1887 . .	Buldana.
15th February 1888 . .	Wun (Yeotmal).

Names.	Appointment.
	Mysore.
Vacant	*Resident of the 1st Class, and Resident in Mysore and Chief Commissioner of Coorg*
General Sir H. N. D. Prendergast, K.C.B., V.C., R.E.	Officiating . . . . .
Major D. Robertson, M.S.C., (Pol. Agent, 3rd, Offg. 2nd Class).	*Assistant to the Resident in Mysore, and Secretary to the Chief Commissioner of Coorg.*
Mr. F. E. K. Wedderburn, M.C.S., (*Offg. Pol. Agent, 3rd Class*).	Do. do. . .
Surgeon-Major P. H. Benson, M.B. (M.) (*Seconded.*)	*Residency Surgeon* . . . . .
Surgeon-Major A. F. Dobson, M.B. (M.) . .	Do. . . . .
Colonel W. Hill, M.S.C.	*Civil and Sessions Judge, Civil and Military Station of Bangalore.*
Lieut.-Col. H. M. S. Magrath, M.S.C. . .	Officiating . . . . .
Lieut.-Col. H. M. S. Magrath, M.S.C. . .	*District Magistrate and Collector, and President, Municipal Commission, Civil and Military Station of Bangalore.*
Mr. E. Hewetson, U.C.S.	Officiating . . . . .
Mr. E. Hewetson, U.C.S.	*District Superintendent of Police, Civil and Military Station of Bangalore.*
Mr. F. Fawcett, U.C.S.	Officiating . . . . .
Abdul Rahman, U.C.S.	2nd Magistrate, Civil and Military Station of Bangalore.
Mr. J. Dias, U.C.S.	In charge of Resident's Treasury, Bangalore; also Sub-Registrar.

Date of appointment.	Salaries and allowances *per mensem.*	Remarks.
	Rs. a. p.	
.....	.....	
10th October 1887 .	2,400 0 0	Pay.
	500 0 0	Sumptuary allowance.
	2,900 0 0	
20th December 1887 .	.....	*Privilege leave to the 1st August 1888.*
2nd May 1888 .	560 0 0	Pay.
	293 5 4	Acting allowance.
	250 0 0	Local allowance.
	35 0 0	Fixed tentagé.
	1,138 5 4	
.....	.....	*Employed under the Mysore Government.*
16th August 1883 .	750 0 0	
	200 0 0	Allowance from Municipality for charge of the Bowring Hospital.
	950 0 0	
25th March 1881 .	.....	*On furlough.*
16th May 1887 .	1,200 0 0	
18th February 1887 .	.....	*Officiating Civil and Sessions Judge.*
16th May 1887 .	900 0 0	
25th March 1881 .	.....	*Officiating District Magistrate and Collector, &c.*
17th June 1887 .	700 0 0	
14th January 1886 .	250 0 0	
14th January 1886 .	180 0 0	

Ajmere-

Designation of appointment, and name of incumbent.	Station.	Position in graded list.	Date when appointment was first created.
Chief Commissioner.			
Vacant.			
Colonel C. K. M. Walter, S. C. (*Resident in Mewar*), sub. *pro tem.*	Abu . .	Resident, 1st Class, sub. *pro tem.*	1st April 1871 .
Commissioner.			
Colonel G. H. Trevor, M.S.C.	Ajmere . .	Resident, 2nd Class ...	1st April 1871 .
Assistant Commissioners.			
Captain C. Herbert, S.C., ...	Ajmere . .	Political Assistant 2nd, Offg. Political Agent, 3rd Class.	1st June 1877 .
Captain E. R. Penrose, Bo. S.C. . . .	Merwara (Beawar)	Offg. Political Assistant, 2nd Class.	1st June 1877 .
Cantonment Magistrates.			
Captain A. F. DeLaessoe, C.M.G., C.I.E., U.C.S.	Nusseerabad .	Political Asst., 3rd, Offg. 1st Class.	1st June 1877 .
Colonel F. W. Boileau, R. O. (*Comdt., Deoli Irregular Force*).	Deoli . . .	.....	1st June 1877 .
Captain J. A Bell, S.C. (*2nd in Command, Deoli Irregular Force*) *Offg.*	Deoli . . .	.....	1st June 1887 .
Civil Surgeon.			
Surgeon-Major J. H. Newman, M.D. . . .	Ajmere . .	.....	6th May 1883
Judicial Assistant.			
Rai Bahadur Pandit Bhag Ram, U.C.S. .	Ajmere . .	.....	1st June 1877 .
Extra Assistant Commissioner, and Treasury Officer.			
Pandit Jia Lal, U.C.S. . . .	Ajmere . .	.....	1st June 1877 .
Deputy Magistrate.			
Munshi Rae Bishen Sarup, U.C.S. . .	Kekri . .	.....	1st June 1877 .
District Superintendent of Police.			
Mr. B. Egerton, U.C.S. . . .	Ajmere . .	.....	6th December 1861 .
Principal, Govt. College.			
Mr. F. L. Reid, U. C. S.	Ajmere . .	.....	13th March 1868 .
Head Master, Govt. College.			
Mr. T. Harris, B. A., U.C.S. . . .	Ajmere . .	.....	25th March 1851 .
Assistant Conservator of Forests.			
Mr. J. E. Barrett, U.C.S. . . .	Ajmere . .	.....	1st June 1877 .

Names.	Appointment.
	Baroda.
Colonel Sir O. B. C. St. John, K.C.S.I., R.E. .	Resdt. of the 2nd class, and Agent to the Governor-General.
Captain J. H. Sadler, S.C. . .	Assistant to the Governor-General's Agent .
„ J. C. Francis, Bo. S.C. . . (*Wing Offr., 5th Bo. Infy.*)	Cantonment Magistrate, Railway Magistrate, and Judge of the Small Cause Court.

Merwara.

Date of incumbent's first appointment to civil employ.	Date of incumbent's appointment to present office.	Salary *per mensem*.	Remarks.
		Rs a. p.	
4th January 1856 .	27th March 1887 .	.....	The appointment is held *ex-officio* by the Governor-General's Agent in Rajputana.
25th June 1862 .	31st December 1887 .	2,000 0 0 150 0 0	Fixed travelling allowance.
		2,150 0 0	
9th June 1882 .	10th June 1888 .	866 10 8 200 0 0	Local allowance.
		1,066 10 8	
25th September 1887 .	5th June 1888 .	600 0 0	*Priv. leave to 8th August 1888.* Munshi Rae Bishen Sarup, Dy. Magistrate of Kekri, holding charge.
21st March 1881 .	1st November 1887 .	700 0 0	
31st December 1884 .	31st December 1884 .	.....	*Fur., m. c., 1 year and 109 days. G. G. O., dated the 27th April 1888.*
3rd April 1888 .	3rd April 1888 .	50 0 0	In addition to regimental pay and allowances.
6th September 1868 .	19th April 1879 . .	950 0 0 150 0 0 50 0 0 50 0 0 100 0 0 250 0 0	Civil Surgeon. Superintendent of Jail. Fees from Government College. Ditto from Mayo College. Merwara Battalion. Allowance from Rajputana-Malwa Railway.
		1,550 0 0	
16th October 1872 .	1st May 1880 .	800 0 0	
29th November 1887 .	29th November 1887 .	400 0 0	
1st June 1877 .	1st June 1877 .	150 0 0	In charge of Office of Assistant Commr., Merwara (Beawar).
17th June 1879 .	18th January 1884 .	700 0 0	
23rd June 1879 .	23rd June 1879 .	600 0 0	And Inspr. of Schools in Ajmere-Merwara.
31st March 1866 .	16th August 1866 .	350 0 0	
24th March 1881 .	8th April 1888 .	350 0 0	

Date of appointment.	Salaries and allowances *per mensem*.	Remarks.
	Rs. a. p.	
31st December 1887 .	2,500 0 0	
8th May 1881 .	800 0 0	
7th March 1888 .	200 0 0	Local allowance, in addition to Military pay.

Names.	Appointment.
	Baroda—
Lieut.-Col. F. H. Jackson, Bo. S.C. . .	Assistant to the Governor-General's Agent, in charge of Amreli.
Lieut.-Col. W. A. Salmon, Bo. S.C. . .	*Assistant to the G.-G.'s Agent, in charge of the Okhamandal district, and Commandant, Wagheer Corps.*
Mr. H. Harrison, U.C.S.	Commandant of His Highness the Gaekwar's Local Battalion at Dhari.
Surgeon G. E. Fooks (Bo.)	Residency Surgeon . . . . .

Rajputana.

Appointments.	Incumbents.	Position in graded list.
Agent to the Governor-General .	*Vacancy.*	
	Colonel C. K. M. Walter, S.C (*Resident in Meywar*, sub. *pro tem.*	Resident, 1st Class, sub. *pro tem.*
Resident in Meywar (Oodeypore) .	*Col. C. K. M. Walter, S. C.*	*Resident, 2nd Class . .*
	Col S. B. Miles, Bo. S.C., sub. *pro tem.*	Resident, 2nd Class, sub. *pro tem.*
Resident at Jeypore . .	*Col. H. P. Peacock, Bengal Cavalry, (Offg).*	*Offg. Resident, 2nd Class .*
Resident in the Western States of Rajputana (Jodhpore).	Colonel P. W. Powlett, S C	Resident, 2nd Class . .

Date of appointment.	Salaries and allowances *per mensem.*	Remarks.
concluded.	*Rs a. p.*	
8th May 1881 .	1,040 14 0	
8th November 1887 .	*827 14 0*	*Acting Political Agent, Cutch.*
6th November 1878 .	800 0 0	Assistant to the G.-G s Agent, in charge of the Okhamandal district, and Commandant, Wagheer Corps, *sub. pro tem.*
3rd May 1888 . .	100 0 0	In addition to military pay.

Salaries and allowances *per mensem.*	Remarks.
Rs. a. p.	
000 0 0	
250 0 0	Special allowance.
4,250 0 0	
.....	*Resident, 1st Class, and Agent to the Governor-General,* sub *pro tem.*
2,000 0 0	
1,833 5 4	*Offg. G-G.'s Agent in Central India.*
100 0 0	Special allowance.
1,933 5 4	
2,000 0 0	

Appointments.	Incumbents.	Position in graded list.
		Rajputana—
Boundary Settlement Officer in Marwar, and Assistant to the Resident in the Western States of Rajputana (Jodhpore).	Major W. Loch, Bo. S.C. . .	Addl. Political Agent, 3rd Class.
P. A. in Harowtee and Tonk . .	*Col. J. Biddulph, S.C.* .	*Pol. Agent, 1st Class* .
	Major J. H. Newill, M.S.C. .	Political Assist., 1st (Offg. Political Agent, 2nd) Class.
P. A. in Ulwur	Lieut.-Col. A. W. Roberts, Genl. List Cavalry.	Political Agent, 2nd Class
P. A. in Kotah	Col. C. A. Baylay, S.C. .	Addl. Political Agent, 1st Class.
P. A. in Bikanir	.....	.....
	Mr. C. S. Bayley, C.S. .	Addl. Political Agent, 1st Class (temporarily.)
P. Superintendent of Jhallawar .	Lieut.-Col. H. B. Abbott, Bo. S.C.	Addl. Political Agent, 1st Class.
P. A. in the Eastern States of Rajputana.	.....	.....
	Major N. C. Martelli, S.C.	Addl. Pol. Agent, 1st Class.
1st Assistant to the Governor-General's Agent in Rajputana and C.-C. of Ajmere-Merwara.	Major E. A. Fraser, M.S.C. .	Political Agent, 3rd, Offg. 2nd Class.
Asstt. to the Governor-General's Agent.	Lieut. W. C. R. Stratton, S.C.	Political Asstt., 3rd, Offg. 1st Class.
Asstt. to the Governor-General's Agent.	Lieut. L. Impey, S.C. .	Offg. Political Asstt., 3rd Class.
Asstt. to the Governor-General's Agent.	Lieut. G. F. Chenevix-Trench, Bo. S.C.	Offg. Political Asstt., 3rd Class.
Asstt. Political Agent at Banswara.	Lieut. A. F. Pinhey, Bo S.C.	Offg. Political Asstt., 1st Class.
Supdt. of Operations for the Control of the Moghyas.	Lieut. A. F. Pinhey, Bo. S.C. .	Offg. Political Asstt., 1st Class.
Attaché to the Governor-General's Agent.	Kumar Lachman Singh, U.C.S.	.....

P. A. Stands for

Salaries and allowances *per mensem.*			Remarks.
continued.			
Rs.	*a.*	*p.*	
1,000	0	0	Special temporary allowance, Rs. 500.
1,500	*0*	*0*	*Privilege leave to 2nd August 1888.*
1,066	10	8	
1,200	0	0	
100	0	0	Sumptuary allowance.
1,300	0	0	
1,500	0	0	
.....			
1,500	0	0	
500	0	0	Special personal allowance.
2,000	0	0	
1,500	0	0	
.....			
1,500	0	0	
1,200	0	0	
700	0	0	And Magistrate of Abu.
400	0	0	
400	0	0	
700	0	0	
700	0	0	Deputation allowance, Rs 200.
400	0	0	

Political Agent.

Appointments.	Incumbents.	Position in graded list.
		Rajputana—
Asstt. to the Governor-General's Agent, and to the Genl. Supdt. of Operations for the Suppression of Thagi and Dakaiti, in Rajputana.	Lieut. K. D. Erskine, S.C. .	Offg. Political Asstt., 2nd Class.
Supdt., Rajputana-Malwa State Railway Police.	Mr. R. E. Acklom, U.C.S. .	.....
(*a*) 1st Asstt. to the Resident in Meywar.	Lieut.-Col. A. R. T. McRae, Bo. G L.I (*Comdt., Meywar Bheel Corps*, sub. *pro tem.*)	.....
(*b*) 2nd Asstt. to the Resident in Meywar.	*Col. E. Temple, S.C. (2nd-in-Comd., Meywar Bheel Corps).*	.....
	Lieut. C. H. Dawson, Bo. S.C. (*Offg. 2nd-in-Comd., Meywar Bheel Corps*).	.....
Settlement Officer, Meywar .	Mr. C. E. Biddulph, U.C.S. .	.....
Settlement Officer, Tonk . .	Capt. T. C. Pears, S.C. .	Poltl Asst., 2nd Class
Boundary Settlement Officer, Meywar-Marwar Border.	*Major W.H.C. Wyllie, C.I.E., S.C.*	*Poltl. Agent, 3rd Class*
Medical.		
Resdy. Surgeon, and Supdt.-Genl. of Dispensaries and Vaccination.	Surgn.-Major L. D. Spencer, M.D.	.....
Resdy. Surgeon, Meywar (Oodeypore).	Surgeon D. F. Mullen, M.D.	.....
Residency Surgeon, Jeypore .	Surgeon-Major T. H. Hendley	.....
Residency Surgeon, Western Rajputana States (Jodhpore).	Surgeon-Major A. Adams, M.D. (M.)	.....
Agency Surgeon, Ulwur .	*Surgeon-Major T. F. Mullen, M.D.*	.....
	Surgeon P. D. Pank (*Civil Surgeon, Bikanir*), (*Offg.*)	.....
Medical Offr, Kotah and Jhalrapatan Agencies.	*Surgeon J. Crofts, M.D.* .	.....
Civil Surgeon, Bikanir . .	*Surgeon P. D. Pank* .	.....
	Surgeon W. W. Webb, M.B. (*Medl. Offr., Meywar Bheel Corps*) (*Offg.*)	.....
Harowtee and Tonk Agency, and Deoli Irregular Force.	Surgeon H. N. V. Harington (M.).	.....

(*a*) The appointment is held *ex-officio* by th
(*b*) The appointment is held *ex-officio* by th

Salaries and allowances *per mensem*			Remarks.
concluded.			
Rs.	*a.*	*p.*	
400	0	0	
950	0	0	
.....			Sub. *pro tem.*
.....			*Leave out of India, p. a., 182 days, G.G.O, dated the 16th March 1888.*
100	0	0	Officiating.
1,000	0	0	
1,000	0	0	(*Gross.*)
1,500	0	0	*Priv. leave to 11th July 1888.*
1,050	0	0	Resdy. Surgeon, Abu.
150	0	0	Supdt.-Genl. of Dispensaries and Vaccination.
150	0	0	Administrative Charge.
1,350	0	0	
500	0	0	Besides Rs 200 from the Darbar.
750	0	0	Besides Rs. 750 from the Darbar.
750	0	0	Besides Rs. 150 from the Darbar, and Rs. 30 from the Mullanee Fund; also a personal allowance of Rs. 400 from the Darbar.
.....			*Offg. Residency Surgeon, Bushire.*
550	0	0	Besides Rs. 150 from the Darbar as Superintendent, Jail and Dispensaries.
....			*Furlough to 11th December 1889.*
.....			*Offg. Agency Surgeon, Ulwur.*
550	0	0	Besides Rs. 350 from the Darbar for supervision of Jails and Dispensaries, &c.
100	0	0	In addition to military pay.

Commandant of the Meywar Bheel Corps
2nd-in-Command of the Meywar Bheel Corps.

Appointments.	Incumbents.	Position in graded list.
		Central
Agent to the Governor-General .	*Sir L. H. Griffin, K.C.S.I., C.S.*	*Resident, 1st Class* . .
	Mr. F. Henvey, S.C. (*Resident at Jeypore*), Offg. .	Offg. Resident, 1st Class .
Resident at Gwalior . . .	Colonel P. W. Bannerman, Bo. S.C.	Resident, 2nd Class . .
P. A. in Bhopal	Lieut.-Col. H. Wylie, C.S.I., G.L.I.	Political Agent, 2nd (Offg. 1st) Class.
P. A. in Bundelkhand . . .	Lieut.-Col. F. A. Wilson, S.C.	Political Agent, 2nd (Offg. 1st) Class.
P. A. in Baghelkhand, and Supdt. of the Rewah State.	Major D. W. K. Barr, Bo. S.C.	Additional Political Agent, 1st Class.
P. A. in Bhopawar . . .	Lieut.-Col. W. J. W. Muir, S.C.	Political Agent, 1st Class .
Supdt. of Operations for the Control of the Moghyas.	Lieut. A. F. Pinhey, Bo. S.C.	Offg. Political Asst., 1st Class
1st Asstt. to the G.-G.'s Agent .	Mr. L. W. King, C.S. . .	Political Agent, 3rd Class, sub. *pro tem.*
Asstt. to the G.-G.'s Agent . .	Lieut. J. Ramsay, S.C. .	Offg. Political Asst., 2nd Class.
Ditto ditto . .	Lieut. F. W. P. Macdonald, S.C.	Offg. Political Asst., 3rd Class.

P. A. stands for

Salaries and allowances *per mensem*.			Remarks.
India.			
Rs.	*a*	*p.*	
.....			*Furlough to the 3rd May 1889.*
2,000	0	0	
1,333	5	4	Acting allowance.
250	0	0	Special allowance.
3,583	5	4	
2,500	0	0	
1,400	0	0	
1,400	0	0	
200	0	0	Local allowance (for Chaikhari).
1,600	0	0	
1,500	0	0	
1,500	0	0	
700	0	0	Deputation allowance, Rs 200.
1,000	0	0	
200	0	0	Local allowance for the charge and supervision of the Dewas State (Senior Branch).
1,200	0	0	
550	0	0	
400	0	0	

Political Agent.

Appointments.	Incumbents.	Position in graded list.
		Central
Political Agent, Western Malwa.	*Col. C. Martin, C.B, Cav. (Comdt., C. I. Horse).*	.....
	Col. H. M. Buller, Cav. (*Offg. Comdt., C. I. Horse*) Offg.	.....
Political Assistant at Goona .	Major H. A. Vincent, Bo. S.C. (*Offg. 2nd-in-Comd., 1st Regt., C. I. Horse*).	.....
Cantonment Magistrate at Mhow	Lieut.-Col. W. S. Peat, Bo. G.L.C.	.....
Cantonment Magistrate at Neemuch.	Captain F. G. Alexander, Bo. S.C.	.....
Cantonment Magistrate at Nowgong.	Lieut.-Col. R. G. E. Dalrymple, M.S.C.	.....
Cantonment Magistrate at Sipri .	Major J. H. Yule . .	.....
Boundary Settlement Officer in Bundelkhand.	Captain C. J. B. H. Dressner, S.C. (*Squadron Officer, 2nd Regt., C. I. Horse*).	.....
Attaché to the Govr.-Genl.'s Agent.	Sahibzada Muhammad Wahid-ud-din, U.C.S.	.....
Native Asstt. to the Govr.-Genl.'s Agent.	Munshi Gurdit Singh, U.C.S.	.....

Salaries and allowances *per mensem.*				Remarks.
				India—*continued.*
Rs.	*a.*	*p.*		
... ..				*Fur , p. a., 18 mos., 22nd May 1887.*
300	0	0		Local allowance. The appointment is held *ex-officio* by the Commandant, Central India Horse.
150	0	0		Local allowance. The appointment is held *ex-officio* by the 2nd-in-Command of the Regiment of Central India Horse stationed at Goona.
1,037	0	0		Pay of rank.
300	0	0		Staff allowance.
1,337	0	0		
374	1	6		Pay of rank.
200	0	0		Staff allowance.
574	1	6		
827	14	0		Pay of rank.
200	0	0		Staff allowance.
1,027	14	0		
.....				The appointment is held *ex-officio* by the Officer Commanding at Sipri.
374	1	6		Pay of rank. Besides a deputation allowance of Rs. 10 *per diem* when in camp, and Rs. 5 when in station.
400	0	0		
350	0	0		

Appointments.	Incumbents.	Position in graded list.
		Central
	Medical.	
Residency Surgeon, and Civil Administrative Medical Officer in Central India.	Surgeon-Major D. F. Keegan, M.D.	.....
In Medical charge, Bhopal Agency and Bhopal Battalion (Sehore).	*Surgeon-Major A. H. C. Dane, M.D. (Bo.)*	.....
	Surgeon W. G. Alpin (*Offg.*)	.....
In Medical charge, Western Malwa Agency (Agar), and 2nd Regt., C. I. Horse.	*Surgeon C. G. W. Lowdell (Bo.)*	.....
	Surgeon-Major R. Caldecott (Bo). (*1st Regt, C. I. H., and Goona Pol. Agency*) Offg.	.....
In Medical charge, Bundelkhand Agency (Nowgong), and 11th Bengal Lancers.	Surgeon J J. Pratt . .	.....
In Medical charge, Goona Agency, and 1st Regt., C. I. Horse.	*Surgeon-Major R. Caldecott (Bo).*	.....
	Surgeon G. H. D. Gimlette, M.D., (*Residency Surgeon, Nepal*), Offg.	.....
In Medical charge, Bhopawar Agency (Sirdarpore), and Malwa Bheel Corps.	*Surgeon-Major J. Duke* .	.....
In Medical charge, Baghelkhand Agency and Dispensaries (Sutna).	Surgeon-Major S. J. Goldsmith (Bo.).	.....
In Medical charge, Gwalior Residency.	Surgeon A. M. Crofts . .	.....
		Kashmir,
Resident	Mr. T. J. Chichele Plowden, C.S.	Resident, 2nd Class .
Residency Surgeon . . .	Surgeon-Major A. Deane, M.D.	.....
		Ladakh.
British Joint-Commr. at Leh .	Capt. H. L. Ramsay, S.C. .	Pol. Asst., 1st (Offg. Pol. Agent, 3rd) Class.

Salaries and allowances *per mensem.*			Remarks.
			India—*concluded.*
Rs.	*a.*	*p.*	
1,050	0	0	Residency Surgeon, Indore.
150	0	0	Civil Administrative Medical Officer in Central India.
100	0	0	Superintendent, Central India Agency Jail, Indore.
1,300	0	0	
.....			*Fur., p. a., 18 mos., Bo. G. G. O., dated the 13th February 1888.*
100	0	0	In addition to military pay.
.....			*Fur., p. a., 1 year, 18th November 1887.*
100	0	0	In addition to military pay.
100	0	0	In addition to military pay.
.....			*Attached to 2nd Regt., C. I. H., and to Western Malwa Pol. Agency.*
30	0	0	In addition to military pay.
100	0	0	In addition to military pay. *Privilege leave, 90 days, from the 23rd April 1888.*
750	0	0	Agency Surgeon.
300	0	0	Allowance as Tutor to the Rewah Chief.
300	0	0	Allowance for superintending Rewah State Dispensaries.
1,350	0	0	
.....			Performs the duties, in addition to his own as Medical Officer to His Highness the Maharaja Sindhia of Gwalior, without remuneration.
			&c.
2,000	0	0	
250	0	0	Sumptuary allowance.
2,250	0	0	
750	0	0	
1,000	0	0	
150	0	0	Special allowance.
1,150	0	0	

Appointments.	Incumbents.	Position in graded list.
		Nepal.
Resident	*Mr C. E. R. Girdlestone, C.S.*	*Resident, 2nd Class* . .
	Major E. L. Durand, C.B.,S.C., (*Offg.*)	Offg. ditto . . .
Residency Surgeon . . .	*Surgeon G. H. D. Gimlette, M.D.*	.....
	Surgeon R. Shore, M.D. (*Offg.*)	.....
		Persian
Political Resident . .	Colonel E. C. Ross, C.S.I., Bo. S.C.	Resident, 2nd Class . .
1st Assistant to the Poltl. Resident.	Lieut. P. J. Melvill, S.C. .	Political Asst., 3rd (Offg. 1st) Class.
Uncovenanted Assistant . .	Mr. G. Lucas, U.C.S. . .	.....
Native Assistant . . .	Asst.-Surgeon Abdur Rahim Hakim, Khan Bahadur.	.....
Residency Surgeon . . .	*Surgeon D. R. Ross, M.D.* (*Bo.*)	.....
	Surgeon-Major T. F. Mullen, M. D. (*Agency Surgeon, Ulwur*), Offg.	.....
		Muscat.
Political Agent . . .	Lieut.-Col E. Mockler, Bo. G L.I.	Political Agent, 2nd (Offg. 1st) Class.
Agency Surgeon . . .	Surgeon-Major A. S. G. Jayakar (Bo.).	.....
		Turkish
Political Resident . . .	*Colonel W. Tweedie, C.S.I., S.C.*	*Resident, 2nd Class* . .
	Major A. C. Talbot, C.I.E., S.C. (*Offg.*)	Do. (Offg) . . .
Assistant Political Agent at Basra.	Mr. P. J. C. Robertson, U.C.S.	Political Asst., 1st Class .
Residency Surgeon . . .	*Surgeon-Major R. Bowman (Bo.)*	.....
	Surgeon A. W. D. Leahy, (*Offg.*)	.....

Salaries and allowances *per mensem*.			Remarks.
Rs.	*a.*	*p.*	
.....			*Furlough to the 9th November 1888.*
1,733	5	4	
250	0	0	Local allowance.
1,983	5	4	
.....			*Offg. Medl. Offr, 1st Regt, C. I. Horse.*
386	10	0	

Gulf.

2,500	0	0	
250	0	0	Special allowance.
2,750	0	0	
700	0	0	
300	0	0	Personal allowance, Rs. 50.
350	0	0	
.....			*Furlough to the 9th October 1889.*
952	3	7	
1,400	0	0	
150	0	0	Special allowance.
1,550	0	0	
750	0	0	

Arabia.

.....			*Furlough in India to the 24th June 1889.*
2,066	10	8	
800	0	0	
.....			*Furlough to the 18th July 1888.*
450	0	0	

Appointments.	Incumbents.	Position in graded list.
		Thagi
Genl. Supdt. of Operations for the Suppression of Thagi and Dakaiti.	Colonel P. D. Henderson, C.S.I., Madras Cavalry.	Resident, 2nd Class . .
		Baluch
Agent to the Governor-General .	Colonel Sir R. G. Sandeman, K.C.S.I., S.C.	Resident, 1st Class . .
Political Agent at Thal-Chotiali .	Captain I. MacIvor, S.C. .	Poltl. Asst., 2nd (Offg. Poltl. Agent, 3rd) Class . .
Political Agent in South-Eastern Baluchistan.	Colonel E. S. Reynolds, Bo. S.C.	Poltl. Agent, 1st Class sub. *pro tem.*
Political Agent in Quetta and Pishin.	Mr. A. H. T. Martindale, M.C.S.	Poltl. Agent, 3rd (Offg. 2nd) Class.
Political Agent at Kalat . .	Captain H. M. Temple, S.C. .	Poltl. Asst., 1st (Offg. Poltl. Agent, 3rd) Class.
1st Assistant to the Governor-General's Agent.	Lieutenant L. S. Newmarch, S.C.	Poltl. Assistant, 3rd (Offg. 1st) Class.
Additional ditto ditto .	Lieutenant C. H. Pritchard, Bo. S.C.	Offg. Poltl. Assistant, 3rd Class.
Assistant Political Agent at Thal-Chotiali. .	Lieutenant C. Archer, S.C. .	Offg. Poltl. Asst., 2nd Class
Treasury Officer, and Cantonment Magistrate, Quetta.	Mr. W. A. Ingle, Bo. U.C.S.	.....
Agency Surgeon . . .	*Surgeon-Major D. C. Fullerton, M.B.*	.....
	Surgeon C. W. Owen, C.M.G., C.I.E. (*Civil Surg., Naini Tal*), Offg.	.....
Extra Assistant Commissioner, Quetta.	Rai Bahadur Pandit Suraj Kaul, U.C.S.	.....
Native Assistant, on special duty, Las Bela.	Rai Bahadur Hittu Ram, C.I.E, U.C.S.	.....
Native Assistant, Bori . .	Khan Bahadur Hak Nawaz Khan, U.C.S.	.....
Native Assistant, Sibi . .	Diwan Ganpat Rai, U.C.S. .	... ..
Native Assistant, Bolan Pass .	Ahmad Yar Khan (*Offg.*) .	.....
Native Assistant, Quetta .	Lalla Choka Nand (*Offg.*) .	.....
Officiating Deputy Conservator of Forests.	Mr. J. H. Lace, U.C.S. .	.....
Assistant District Superintendent of Police, Quetta.	Mr. R. C. Plowden, U.C.S. .	.....

Salaries and allowances *per mensem*.				Remarks.
and Dakaiti.				
	Rs	*a.*	*p.*	
	2,500	0	0	
istan.				
	4,000	0	0	
	866	10	8	
	1,500	0	0	
	1,200	0	0	
	1,000	0	0	
	700	0	0	
	400	0	0	
	400	0	0	
	900	0	0	
	.....			*Fur, p. a., 1 yr and 213 days, 18th April 1888.*
	680	4	8	
	650	0	0	
	500	0	0	
	250	0	0	
	250	0	0	
	.....			
	.. ...			
	500	0	0	
	400	0	0	
	100	0	0	Allowance.
	500	0	0	

Appointments.	Incumbents.	Position in graded list.
Political Officer in charge		
Political Officer in charge of the ex-Amir.	Lieut.-Col. V. E. Law, Madras, G.L.C.	Poltl. Agent, 3rd (Offg. 2nd) Class.
Political Officer in charge		
Political Officer in charge of Sardar Ayub Khan.	Capt W. E. Evans-Gordon, M.S.C.	Additional Poltl. Agent, 3rd Class.
Officers on Furlough,		
	Mr. J. R. FitzGerald, Bo.C.S.	Poltl. Agent, 3rd Class .
	Mr. H. S. Barnes, C.S. .	Poltl. Agent, 3rd Class .
	Capt. M. J. Meade, S.C. .	Poltl. Asst., 1st Class .
	Mr. Ney Elias, C.I.E., U.C S.	Poltl. Agent, 3rd Class .
	Lieut.-Col. W. F. Prideaux, Bo. S.C.	Poltl. Agent, 1st Class .
	Mr. F. L. Petre, S.C. .	.....
	Major G. Gaisford, S.C. .	Poltl. Asst., 2nd Class .
	Major C. E. Yate, C.S.I., C M.G., Bo. S.C.	Poltl. Asst., 1st Class .
	Captain C. W. Ravenshaw, S C.	Poltl Asst., 2nd Class .
	Nawab Mirza Hassan Ali Khan, C.I.E., U.C.S.	Addl. Poltl. Asst., 3rd Class

Salaries and allowances *per mensem.*	Remarks.
of the ex-Amir.	
Rs. a. p. 1,200 0 0	
of Sardar Ayub Khan.	
1,000 0 0	
Leave, Special Duty, &c.	
.....	*Furlough to the 13th October 1888.*
.....	*Furlough to the 15th October 1888.*
.....	*Furlough to the 31st October 1888.*
.....	*Special leave to the 3rd November 1888.*
.....	*Special leave to the 17th November 1888.*
.....	*Furlough to the 28th January 1889.*
.....	*Furlough to the 3rd March 1889.*
.....	*Furlough to the 1st September 1889.*
.. ...	*Furlough to the 12th October 1889.*
500 0 0	Special duty in Persia.

Medical appointments.

I.—First class charges.

Station.	Names.	Salaries and allowances.	Remarks.
Rajputana.		*Rs. a. p.*	
Abu	Surgeon-Major L. D. Spencer, M.D.	1,050 0 0	Residency Surgeon.
		150 0 0	Superintendent-General of Dispensaries and Vaccination.
		150 0 0	Administrative Charge.
		1,350 0 0	
Central India.			
Indore	Surgeon-Major D. F. Keegan, M.D. ...	1,050 0 0	Residency Surgeon.
		150 0 0	Civil Administrative Medical Officer in Central India.
		100 0 0	Superintendent, Central India Agency Jail, Indore.
		1,300 0 0	
Baluchistan.			
Quetta	*Surgeon-Major J. C. Fullerton, M. B.*	. . .	*Agency Surgeon. Furlough, p. a., 1 year and 213 days, 18th April 1888.*
	Surgeon C. W. Owen, C.M.G., C.I.E. (*Civil Surgeon, Naini Tal*), Offg.	680 4 8	

Medical appointments—*continued.*

II.—Second class charges.

Station.	Names.	Salaries and allowances.	Remarks.
Hyderabad.		*Rs. a. p.*	
HYDERABAD . . .	Surgeon-Major E. Lawrie, M.B.	750 0 0	Residency Surgeon.
		414 3 0	Superintendent of Vaccination.
		414 3 0	Superintendent of Medical School.
		(1) 427 11 1	Attendance on Nizam and family.
		(2) 256 9 10	Surgeon, Afzalganj Hospital.
		(3) 171 1 3	In charge Nizam's Medical Stores.
		2,433 12 2	
Nepal.			
KATMANDHU . . .	*Surgeon G. H. D. Gimlette, M.D.*	.....	*Residency Surgeon—Officiating Medical Officer, 1st Regiment, C. I. Horse.*
	Surgeon R. Shore, M.D. (*Offg.*).	386 10 0	
Persian Gulf.			
BUSHIRE . . .	*Surgeon D R. Ross, M. D. (Bo.)*	.....	*Residency Surgeon. Furlough to the 9th October 1889.*
	Surgeon-Major T. F. Mullen, M.D. (*Agency Surgeon Ulwur*), Offg.	952 3 7	.....
Rajputana.			
MEYWAR (OODEYPORE) .	Surgeon T. F. Mullen, M.D.	500 0 0	Residency Surgeon. Besides Rs. 200 from the Darbar.
JEYPORE . . .	Surgeon-Major T. H. Hendley.	750 0 0	Residency Surgeon. Besides Rs. 750 from the Darbar.

(1) The equivalent of Hyderabad Rs. 500.
(2) " " " " " " 300.
(3) " " " " " " 200.

Medical appointments—*continued.*

II.—Second class charges—*continued.*

Station.	Names.	Salaries and allowances.	Remarks.
Rajputana—*concld.*		*Rs. a. p.*	
Western Rajputana States (Jodhpore).	Surgeon-Major A. Adams, M.D. (M.)	750 0 0	Residency Surgeon. Besides Rs. 150 from the Darbar, and Rs. 30 from the Mullanee Fund; also a personal allowance of Rs. 400 from the Darbar.
Ulwur	*Surgeon-Major T. F. Mullen, M.D.*	.....	*Agency Surgeon.—(Offg.) Residency Surgeon, Bushire.*
	Surgeon P. D. Pank (*Civil Surgeon, Bikanir*), Offg.	550 0 0	Besides Rs. 150 from the Darbar as Supdt., Jail and Dispensaries.
Kotah and Jhalrapatan	*Surgeon J. Crofts, M.D.*		Medical Officer. *Furlough to 11th December 1889.*
Bikanir	*Surgeon P. D. Pank*	.....	*Civil Surgeon.—Officiating Agency Surgeon, Ulwur.*
	Surgeon W. W. Webb, M.B. (*Medl. Offr., Meywar Bheel Corps*), Offg.	550 0 0	Besides Rs. 350 from the Darbar for supervision of Jails and Dispensaries, &c.
Mysore.			
Bangalore	*Surgeon-Major P. H. Benson, M.B. (M.) (Seconded.)*	.....	*Residency Surgeon, employed under the Mysore Government.*
	Surgeon-Major A. F. Dobson, M.B. (M.)	750 0 0	Residency Surgeon.
		200 0 0	Allowance from Municipality for charge of the Bowring Hospital.
		950 0 0	
Muscat.			
Muscat	Surgeon-Major A. S. G. Jayakar (Bo.)	750 0 0	Agency Surgeon.

Medical appointments—*continued.*

II.—Second class charges—*concluded.*

Station.	Names.	Salaries and allowances.	Remarks.
Central India.		*Rs. a. p.*	
Baghelkhand (Sutna) .	Surgeon-Major S. J. Goldsmith (Bo.)	750 0 0	Agency Surgeon.
		300 0 0	Allowance for superintending Rewah State Dispensaries.
		300 0 0	Allowance as Tutor to the Rewah Chief.
		1,350 0 0	
Turkish Arabia.			
Baghdad . . .	*Surgeon-Major R. Bowman (Bo.).*	.....	*Residency Surgeon. Fur. to the 18th July 1888.*
	Surgeon A. W. D. Leahy (*Offg.*) .	450 0 0	
Kashmir.			
Srinagar . . .	Surgeon-Major A. Deane, M.D.	750 0 0	Residency Surgeon.
Ajmere.			
Civil Surgeon . .	Surgeon-Major J. H. Newman, M.D.	950 0 0	Civil Surgeon.
		150 0 0	Superintendent of Jail.
		50 0 0	Fees from Government College.
		50 0 0	Fees from Mayo College.
		100 0 0	Merwara Battalion.
		250 0 0	Allowance from Rajputana Malwa Railway.
		1,550 0 0	

Medical appointments—*concluded.*

III.—Charges held conjointly with Military Charges.

Station.	Names.	Salaries and allowances.	Remarks.
Central India.		*Rs. a. p.*	
Gwalior Residency .	Surgeon A. M. Crofts	.....	Performs the duties, in addition to his own as Medical Officer to His Highness the Maharaja Sindhia of Gwalior, without remuneration.
Sehore (Bhopal Agency and Battalion).	*Surgeon-Major A. H. C. Dane, M.D. (Bo.).*	.....	*Furlough, p. a., 18 mos., Bo. G. G. O., dated the 13th February 1888.*
	Surgeon, W. G. P. Alpin (*Offg.*).	100 0 0	In addition to military pay.
Agar (Western Malwa Agency, and 2nd Regiment, Central India Horse).	*Surgeon C. G. W. Lowdell, Bo.*	.....	*Furlough, p. a., 1 year, 18th November 1887.*
	Surgeon-Major R. Caldecott (Bo.) (*1st Regiment, C. I. H., and Goona Political Agency*), Offg.	100 0 0	In addition to military pay.
Goona Agency, and 1st Regiment, Central India Horse.	*Surgeon-Major R. Caldecott (Bo.).*	.....	*Attached to 2nd Regiment C. I. H., and to Western Malwa Political Agency.*
	Surgeon G. H. D. Gimlette, M.D. (*Residency Surgeon, Nepal*), Offg.	30 0 0	In addition to military pay.
Bundelkhand Agency (Nowgong), and 11th Bengal Lancers.	Surgeon J. J. Pratt .	100 0 0	In addition to military pay.
Sirdarpore (Bhopawar Agency, and Malwa Bheel Corps).	*Surgeon-Major J. Duke.*	100 0 0	*In addition to military pay. Privilege leave, 90 days, from the 23rd April 1888.*
Rajputana.			
Harowtfe and Tonk Agency, and Deoli Irregular Force.	Surgeon H. N. V. Harington (M.).	100 0 0	In addition to military pay.
Baroda.			
Baroda	Surgeon G. E. Fooks (Bo.).	100 0 0	In addition to military pay.

List of Civil Officers holding gazetted appointments under the Government of India, in the Revenue and Agricultural Department, as it stood on the 1st July 1888.

Classified List of Officers of the Senior Division, Survey of

No sanctioned	No existing in each grade.	Names of Officers.	Branch to which originally posted	Passed in Vernacular	Age.	Date of appointment to the Department.	Date of appointment to the present grade or post	* Period of service counting towards pension on 1st July 1888
		Administrative Staff.			Y. M D			Y. M D
1	1	Col H R Thuillier, R E	G T. S.	P H.	50 3 5	May 21, 1859	Feb. 19, 1887	. . .
1	1	Col J. Sconce, S.C.	Rev.	P. H	52 2 29	Oct. 21, 1859	Jan. 1, 1879	. . .
1	1	„ C T. Haig, R E	G. T. S	Not passed	53 8 20	Sep. 22, 1859	Feb. 19, 1887	. . .
	1	„ D Macdonald, S C	. . . .	. . . .	. . .	. . . . .	Sep. 26, 1887	. . .
	2	Major C. Strahan, R E.	. . . .	. . . .	. . .	. . . . .	May 23, 1884	. . .
	3	Lt.-Col J. Waterhouse, S C.	. . . .	. . . .	. . .	. . . . .	Apl 1, 1874	. . .
		SENIOR DIVISION.						
		Deputy Superintendents.						
3		1ST GRADE.						
	1	Lt.-Col G Strahan, R E.	Topogl	P H.	49 4 24	July 2, 1862	Nov. 10, 1884	. . .
	2	Col D. Macdonald, S C.	Rev.	P H.	52 6 21	Dec. 19, 1860	Jan. 1, 1887	. . .
	3	Col. F Coddington, S C.	Rev.	P. H.	50 1 10	Jan. 13, 1862	Feb. 19, 1887	. . .
8		2ND GRADE.						
	1	Major C Strahan, R E.	Topogl.	Not passed	45 1 25	Sep. 26, 1863	Jan. 10, 1884	. . .
	2	Lt.-Col W Barron, S C.	Rev.	P. H.	50 5 15	June 27, 1862	Aug. 7, 1884	. . .
	3	Col H C B. Tanner, Bombay, S C.	Rev	P. H.	52 11 15	Oct. 10, 1862	Oct. 1, 1884	. . .
	4	Lt.-Col. W. J. Heaviside, R E	G T. S.	P H.	47 8 27	March 1, 1866	Nov. 10, 1884	. . .
	5	Col A Pullan, S C.	G T. S	P. H.	52 3 0	Jan. 18, 1863	Nov 28, 1884	. . .
	6	Lt.-Col D C Andrew, S C.	Rev.	P H.	47 3 13	Dec. 30, 1862	March 10, 1886	. . .
	7	Col W H Wilkins, S C.	Rev.	P. H.	46 8 26	April 27, 1863	Jan. 1, 1887	. . .
	8	Lt.-Col. J. E Sandeman, S C.	Rev.	P. H.	44 9 29	Oct. 6, 1864	Feb 19, 1887	. . .
10		3RD GRADE.						
	1	*Col W. F Badgley, S C*	Topogl	P. H.	50 7 21	May 3, 1865	Dec. 14, 1880	. . .

* Applies only to officers who are under the Uncovenanted Service Rules.

India Department, as it stood on 1st July 1888.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	R a. p.			
1	3,000 0 0	. . . . .	Surveyor General of India, Simla	
1	2,200 0 0	. . . . .	Deputy Surveyor General in charge, Revenue Branch, Calcutta.	
1	2,000 0 0	. . . . .	Deputy Surveyor General in charge, Trigonometrical Branch, Debra Dun.	
1	1,600 0 0	(*a*) Presidency R60	Assistant Surveyor General .	Deputy Superintendent, 1st Grade, and Assistant Surveyor General. In charge Correspondence and Mathematical Instrument Offices, Head Quarters, Calcutta.
2	1,482 10 0	(*a*) Presidency R60	Assistant Surveyor General .	Deputy Superintendent, 2nd Grade, and Assistant Surveyor General. In charge, Engraving, Cartographic, and Map Record and Issue Offices, Head Quarters, Calcutta.
3	1,100 0 0	(*b*) Special local R200 (*c*) Inclusive of Personal Allowance R100.	Assistant Surveyor General .	Deputy Superintendent, 3rd Grade, and Assistant Surveyor General. In charge, Lithographic and Photographic Offices, Head Quarters, Calcutta.
1	1,600 0 0	. . . . .	In charge No. 23 (Astronomical II).	
2	. . . .	. . . . .	Head Quarters, Calcutta . .	Assistant Surveyor General.
3	1,600 0 0	. . . . .	In charge No. 1 (Punjab).	
1	. . . .	. . . . .	Head Quarters, Calcutta . .	Assistant Surveyor General.
2	1,300 0 0	(*a*) Presidency R60	In charge No. 8 (Bengal and Orissa).	
3	1,300 0 0	. . . . .	In charge No. 18 (Himalaya).	
4	1,543 8 0	. . . . .	In charge No. 22 (Astronomical I).	
5	1,300 0 0	. . . . .	In charge No. 17 (Gujarat).	
6	1,300 0 0	. . . . .	In charge No. 11 (Seoni).	
7	1,300 0 0	. . . . .	In charge No. 3 (Nagpur).	
8	1,300 0 0	. . . . .	In charge No. 5 (Gorakhpur).	
1	. . . .	. . . . .	On furlough	For 1 year from 29th June 1888.

(*a*) Department of Agriculture, Revenue, and Commerce Memorandum No. 213, dated 14th May 1878.
(*b*) Ditto ditto, ditto, ditto ditto No. 731, dated 31st October 1873.
(*c*) Department of Revenue and Agriculture, No. 3938., dated 15th September 1882.

Classified List of Officers of the Senior Division, Survey of India

No. sanctioned.	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	* Period of service counting towards pension on 1st July 1888
					Y. M D			Y. M. D.
		SENIOR DIVISION —*contd.*						
		Deputy Superintendents—*contd.*						
		3RD GRADE—*contd.*						
	2	Bt. Lt.-Col. T. H. Holdich, R E	Topogl.	L. S.	45 4 16	July 23, 1866	April 29, 1883	. . .
	3	Lt.-Col. J. Waterhouse, S.C.	Topogl.	P. H.	45 11 8	July 23, 1866	Jan. 10, 1884	. . .
	4	Major M W. Rogers, R.E.	G. T. S.	L. S.	46 4 26	July 30, 1866	Aug 7, 1884	. . .
	5	,, *J. Hill, R E.*	G. T. S.	Not passed	47 6 7	Dec. 18, 1866	Oct. 1, 1884	. . .
	6	*H. Horst*	Topogl.	Not passed	54 1 27	April 1, 1868	Nov. 10, 1884	29 7 27
	7	*W. H. Cole, M.A.*	G. T. S.	H. S	50 6 16	{Jan. 3, 1867A Sep. 1, 1867B}	Nov 28, 1884	20 0 8
	8	*Major A W. Baird, R.E., F.R. S., A I C.E.*	G. T. S.	P. H.	45 8 5	Dec. 4, 1868	March 10, 1886	. . .
	9	,, J R. McCullagh, R.E.	G. T. S.	L. S.	46 3 5	Feb. 12, 1869	Jan. 1, 1887	. . .
	10	*Lt.-Col. J. E. Wilmer, S C.*	Topogl.	H S.	47 5 12	Aug. 24, 1869	Feb. 19, 1887	. . .
11		4TH GRADE.						
	1	Lt.-Col. S. H. Cowan, S.C.	Rev.	P. H.	46 9 16	Jan. 19, 1867	April 29, 1883	. . .
	2	,, E H. Steel, S.C.	Rev.	H. S.	47 1 26	Feb. 1, 1867	Jan. 10, 1884	. . .
	3	,, H S. Hutchinson, S.C.	Rev.	P. H.	48 2 20	Aug. 13, 1867	Aug. 7, 1884	. . .
	4	E. C. Barrett	Rev.	H. S.	44 2 16	Dec. 30, 1868	Oct. 1, 1884	23 6 11
	5	*Lt.-Col. E. Beavan, S.C.*	Rev.	P H.	44 9 11	July 17, 1862	Nov. 10, 1884	. . .
	6	*Col R. G. Woodthorpe, C.B, R.E.*	Topogl.	L S.	43 9 8	July 14, 1871	Nov. 28, 1884	. . .
	7	G. H. Cooke	Rev.	L. S.	43 7 1	April 1, 1870	Oct. 22, 1885	19 6 15
	8	E. J. Jackson	Rev.	H. S.	43 7 26	Nov. 5, 1868	Oct. 26, 1885	18 3 7

* Applies only to officers who are under the Uncovenanted Service Rules.

Department, as it stood on 1st July 1888—continued.

No existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	R a p.			
2	1,182 10 0	. . . . .	In charge, Drawing Office, Dehra Dun.	
3	. . . .	. . . . .	Head Quarters, Calcutta . .	Assistant Surveyor General.
4	1,182 10 0	(*a*) Deputation ₹100.	In charge, No. 25 (Tidal and Levelling).	
5	. . . .	. . . . .	On furlough	For 1 year and 5 months from 18th May 1888.
6	. . . .	. . . . .	On furlough	For 18 months, from 1st December 1887 Joined the Junior Division, 1st September 1854. On furlough from 5th June 1879, and special extension till 12th September 1882 Service reckoned under new rules.
7	. . . .	. . . . .	On furlough	For 12 months from 12th January 1888. (A) Appointed on probation Exclusive of service as Professor of Mathematics, Government College, Agra, from 14th April 1863 to end of February 1864. (B) Brought on the strength of the Department.
8	. . . .	. . . . .	On furlough	For 1 year 1 month and 28 days, from 11th November 1887 afternoon.
9	1,182 10 0	. . . . .	In charge, No. 19 (Madras).	
10	. . . .	. . . . .	On furlough	For 1 year, from 10th November 1886. Extension for 6 months. Further extension for 6 months.
1	1,100 0 0	(*b*) Inclusive of personal, ₹100.	In charge No. 4 (Basti) . .	Officiating Deputy Superintendent, 3rd Grade.
2	1,100 0 0	(*b*) Inclusive of personal, ₹100	In charge No. 2 (Bilaspur) .	Ditto ditto.
3	1,100 0 0	(*b*) Inclusive of personal, ₹100.	In charge No. 10 (South Maratha).	Ditto ditto.
4	1,000 0 0	. . . . .	In charge No. 6 (Assam) .	Ditto ditto. Joined the Junior Division, 18th November 1862. Sick leave for 1 month, from 20th June 1869. Furlough from 27th August 1880 to 12th July 1882.
5	. . . .	. . . . .	On furlough	For 1 year and 182 days, from 8th June 1887.
6	. . . .	. . . . .	On special duty in Europe.	
7	1,000 0 0	. . . . .	In charge, No. 9 (Jubbulpore).	Officiating Deputy Superintendent, 3rd Grade. Joined the Junior Division, 6th December 1866. Furlough for 2 years, from 22nd May 1880, extension for 12 days without pay.
8	1,000 0 0	. . . . .	In charge, No. 12 (Saugor) .	Officiating Deputy Superintendent, 3rd Grade. Joined the Junior Division, 26th September 1864. Sick leave from 4th July to 3rd August and from 19th August to 30th November 1867. Europe, medical certificate, from 23rd July 1871 to 10th November 1872 Furlough to Europe from 1st May 1880 to 3rd December 1881, and from 12th November 1885 to 23rd October 1886.

(*a*) Department of Revenue and Agriculture, 519-81—4, dated 18th September 1884.
(*b*) Ditto ditto, No 3938 dated 15th September 1882.

Classified List of Officers of the Senior Division, Survey of India

No. sanctioned.	No. existing in each grade	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	* Period of service counting towards pension on 1st July 1888.
		SENIOR DIVISION —*concld.*			Y. M. D.			Y. M. D.
		Deputy Superintendents—*concld.*						
		4TH GRADE—*concld.*						
	9	*Bt.-Major St. G. C. Gore, R.E.*	G. T. S.	Not passed	39 4 8	April 11, 1873	March 10, 1886	. . .
	10	Bt.-Major J. R. Hobday, S.C.	Topogl.	H. S.	37 11 16	Sep. 11, 1874	Jan. 1, 1887	. .
	11	Capt. F. B. Longe, R.E.	†	Not passed	31 8 2	March 15, 1880	April 11, 1888	. . .
		Assistant Superintendents.						
		1ST GRADE.						
11	1	Capt. R. A. Wahab, R.E.	†	H. S.	33 2 18	Jan. 8, 1883	Aug. 7, 1884	. . .
	2	E. C. Ryall	G. T. S.	Not passed	50 5 15	April 1, 1873	Feb. 1, 1883	33 1 10
	3	W. H. Patterson	Rev.	L. S.	49 9 6	Jan. 22, 1883	Oct. 1, 1884	26 5 15
	4	F. W. Kelly	Rev.	H. S.	54 10 5	Feb. 22, 1883	Nov. 10, 1884	32 6 5A
	5	Capt. H. M. Jackson, R.E.	†	H. S.	30 3 5	June 11, 1883	Nov. 28, 1884	. . .
	6	*Lieut. W. H. Pollen, R.E.*	†	L. S.	28 8 20	April 26, 1884	Oct. 22, 1885	. . .
	7	,, G. B. Hodgson, S.C.	†	H. S.	29 8 4	Sep. 12, 1883	Oct. 26, 1885	. . .
	8	,, S. G. Burrard, R.E.	†	L. S.	27 10 19	Sep. 2, 1884	Mar. 10, 1886	. . .
	9	A. D'Souza	G. T. S.	Not passed	50 10 20	Oct. 1, 1884	Jan. 1, 1887	27 7 15B
	10	G. B. Scott	Rev.	H. S.	43 11 1	Nov. 10, 1884	Feb. 19, 1887	25 2 0
	11	J. Eccles, M.A.	†	Not passed	30 9 23	May 30, 1885	April 11, 1888	3 1 2
		2ND GRADE.						
6	1	Lieut. J. M. Fleming, S.C.	†	H. S.	29 10 19	July 3, 1885	July 3, 1885	. . .
	2	T. A. Pope,	†	. . . .	30 0 10	Oct. 1, 1886	Oct. 1, 1886	1 9 0C
	3	Lieut. T. F. B. Renny-Tailyour, R.E.	†	. . . .	25 0 23	April 1, 1888	April 1, 1888	. . .
	4	Lieut. E. J. H. L. Mackenzie, R.E	†	. . . .	24 2 16	March 26, 1888	March 26, 1888	. . .
	5	Vacant.	. . . .	. . . .	. . .	. . . . .	. . . . .	. . .
	6	Ditto.	. . . .	. . . .	. . .	. . . . .	. . . . .	. . .

* Applies only to officers who are under the Uncovenanted Service Rules.
† Joined the Department after the amalgamation on the 1st January 1878.

Department, as it stood on 1st July 1888—concluded.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any	Survey Party or Office to which at present attached	Remarks.
	R a. p.			
9	. . . .	. . . . .	On Military duty, in Europe.	
10	850 0 0	(a) Burma, R125 .	In charge No. 21 (Upper Burma)	
11	990 0 0	(b) Baluchistan, R100	In charge No. 15 (Baluchistan I)	
1	990 0 0	(b) Baluchistan, R100	In charge No. 16 (Baluchistan II).	Officiating Deputy Superintendent, 4th Grade.
2	850 0 0	. . . . .	In charge No. 24 (Coast) . .	Ditto ditto. Joined the Junior Division, 25th April 1855. Two hundred and twenty-five days' sick leave included under old rules. Sick leave for 26 days, from 10th December 1883, excluded.
3	850 0 0	. . . . .	In charge No. 14 (Hoshungabad)	Officiating Deputy Superintendent, 4th Grade. Joined the Junior Division, 1st December 1851. Leave on private affairs from 1st May to 31st August 1862. Ditto to Europe from 20th July 1872 to 18th January 1873, and from 11th July 1879 to 2nd January 1880.
4	850 0 0	(c) Burma, R200 .	In charge No. 7 (Bassein) .	Offg Deputy Superintendent, 4th Grade. Joined the Junior Division, 4th December 1854. (A) Service reckoned under old rules. Special leave for 4 months, from 21st January 1858, which was overstayed from 21st May to 16th August 1858. Commencement of second service, 17th August 1858. Medical leave from 13th November 1886 to 9th May 1887.
5	990 0 0	(a) Burma, R125 .	No. 20 (Burma) . . .	Officiating Deputy Superintendent, 4th Grade.
6	. . . .	. . . . .	On furlough	For 9 months, from 7th June 1887. Extension for 6 months.
7	850 0 0	. . . . .	Head Quarters, Simla . .	Officiating Deputy Superintendent, 4th Grade.
8	920 0 0	. . . . .	In charge Computing, Dehra Dun.	Ditto ditto.
9	850 0 0	. . . . .	In charge No. 13 (Betul) . .	Officiating Deputy Superintendent, 4th Grade. Joined the Junior Division, 19th February 1856. (B) Exclusive of 349 days' furlough, 77 days' leave on medical certificate, and 33 days' preparatory leave under new rules.
10	850 0 0	. . . . .	In charge (Srinagar) . .	Officiating Deputy Superintendent, 4th Grade. Joined the Junior Division, 1st May 1863.
11	600 0 0	. . . . .	No. 25 (Tidal and Levelling) .	
1	600 0 0	. . . . .	No. 18 (Himalaya) . . .	Officiating Assistant Superintendent, 1st Grade.
2	600 0 0	(d) Presidency, R100	Head Quarters, Calcutta . .	Ditto ditto. (C) Excludes previous service under Madras Government.
3	570 0 0	(a) Burma R125 .	No. 21 (Upper Burma) . .	. . . . .
4	570 0 0	(b) Baluchistan, R100	No. 16 (Baluchistan II) . .	. . . . .
5	. . . .	. . . . .	. . . . .	. . . . .
6	. . . .	. . . . .	. . . . .	. . . . .

(a) Department of Revenue and Agriculture, No. 171, dated 6th May 1880.
(b) Ditto ditto, No. 522 –28—108., dated 15th December 1882.
(c) Department of Finance and Commerce, No. 256, dated 15th April 1882
(d) Department of Agriculture, Revenue, and Commerce Memorandum No. 213, dated 14th May 1879.

Classified List of Officers of the Junior Division, Survey of

No. sanctioned.	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	*Period of service counting towards pension on 1st July 1888.
		JUNIOR DIVISION.			Y. M. D.			Y. M. D.
		Surveyors.						
8		1ST GRADE. *Salary R500.*						
		G. A. McGill	Topogl.	L. S.	50 2 7	April 8, 1855	Mar. 7, 1882	33 2 3
	1	D. Atkinson	Topogl.	. . . .	51 1 24	Aug. 4, 1856	Jan. 22, 1883	31 10 28
	2	F. Grant	Rev.	. . . .	52 3 6	July 11, 1856	Feb. 22, 1883	31 11 21
	3	C. Wood	G. T. S.	L. S.	45 11 10	May 6, 1858	April 1, 1883	29 11 10
	4	*H. E. T. Keelan* . . .	G. T. S.	. . . .	45 3 1	Aug. 17, 1858	Oct. 29, 1883	22 1 0A
	5	A. J. Wilson	Topogl.	L. S.	45 10 0	Oct. 1, 1860	June 2, 1884	28 0 0
	6	G. W. E. Atkinson . .	G. T. S.	. . . .	44 8 20	Aug. 1, 1859	Nov. 10, 1884	28 8 20
	7	S. M. Smylie	Rev.	L. S.	47 7 7	July 24, 1860	June 27, 1886	27 7 5
	8	J. S. Pemberton . . .	Rev.	L. S.	44 11 23	Oct. 6, 1860	Nov. 24, 1887	27 8 21
10		2ND GRADE. *Salary R400.*						
	1	W. Todd	G. T. S.	. . . .	49 7 21	Jan. 11, 1856	June 1, 1874	30 4 23B
	2	James Todd	Rev.	. . . .	54 1 19	Dec. 27, 1863	Feb. 22, 1883	22 9 19
	3	H. R. Littlewood . . .	Rev.	L. S. Burmese	44 7 25	Oct. 6, 1860	Oct. 29, 1883	27 8 26
	4	W. A. Wilson . . .	Rev.	L. S.	45 1 12	Jan. 1, 1861	Nov. 1, 1883	27 6 0
	5	A. M. Lawson . . .	Rev.	L. S.	49 5 29	Nov. 18, 1862	June 2, 1884	25 7 13
	6	E. S. P. Atkinson . . .	Topogl.	. . . .	42 11 4	Aug. 13, 1861	March 1, 1885	19 7 2
	7	A. J. Gibson	Rev.	. . . .	46 7 0	May 1, 1861	March 1, 1885	27 1 27
	8	M. J. Ogle	Topogl.	. . . .	46 3 27	July 1, 1863	Nov. 15, 1885	23 3 27
	9	W. S. Buttress . . .	Rev.	. . . .	44 4 12	Sep. 1, 1860	July 1, 1886	27 10 0
	10	F. Adams	Topogl.	. . . .	52 2 6	Oct. 1, 1860	April 1, 1883	31 7 27C
14		3RD GRADE. *Salary R350.*						
	1	*W. R Vyall* . . .	Rev.	. . . .	49 6 2	June 13, 1856	Jan. 23, 1883	25 4 0
	2	A. G. Wyatt . . .	Topogl.	. . . .	43 4 6	Nov. 1, 1861	Feb. 22, 1883	25 8 6
	3	H. W. Peychers . . .	G. T. S.	. . . .	45 6 18	April 8, 1862	March 12, 1883	26 2 23
	4	G Belcham	G. T. S.	H. S.	43 4 15	Nov. 1, 1862	April 1, 1883	25 8 0

* Applies only to officers who are under the Uncovenanted Service Rules.

India Department, as it stood on 1st July 1888.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	R a. p.			
...	600 0 0	. . . .	Chief Draftsman, Head Quarters, Calcutta.	Sick leave from 1st November 1871 to 28th February 1872. Service reckoned under old rules.
1	500 0 0	(a) Presidency house-rent, R45.	No. 8 (Bengal and Orissa) .	Service reckoned under old rules.
2	500 0 0	. . . .	No. 2 (Bilaspur).	
3	500 0 0	(b) Dehra Office, R50. .	Computing Dehra Dun . .	Service reckoned under old rules.
4	. . .	. . . .	On furlough	For one year from 1st May 1888. (A) Exclusive of 11 months and 13 days' furlough and 18 days' sick leave under new rules.
5	500 0 0	(a) Presidency house-rent R45.	Head Quarters, Calcutta. .	Apprentice Draftsman from 1st January 1860.
6	500 0 0	(b) Dehra Office, R50 .	Drawing Office, Dehra Dun .	Service reckoned under old rules.
7	500 0 0	(a) Presidency house-rent, R45.	Head Quarters, Calcutta . .	Furlough from 8th November 1882 to 11th March 1883.
8	500 0 0	. . . .	No. 1 (Punjab) . . .	Overstayed privilege leave by 5 days in June 1869.
1	400 0 0	. . . .	No. 17 (Gujarat) . . .	(B) Inclusive of 2 years, which count as service out of 4 years 28 days' leave on medical certificate under old rules.
2	400 0 0	. . . .	No. 9 (Jubbulpore) . .	Furlough in India, from 16th April 1883 to 30th September 1884. Overstayed privilege leave by 1 day in August 1874.
3	400 0 0	(c) Burma, R100 .	No. 7 (Bassein).	
4	400 0 0	. . . .	No. 11 (Seoni).	
5	400 0 0	. . . .	No. 10 (South Maratha).	
6	400 0 0	(a) Presidency house-rent, R30.	Head Quarters, Calcutta . .	Medical leave for 1 year 3 months and 13 days, from 26th July 1876 to 8th November 1877, and sick leave for 19 days in September 1867.
7	400 0 0	. . . .	No. 13 (Betul)	Absent without leave for 3 days in January 1866.
8	400 0 0	(a) Presidency house-rent, R30.	Head Quarters, Calcutta . .	Furlough to Europe for 1 year, from 21st November 1877 to 20th November 1878.
9	400 0 0	. . . .	No. 3 (Nagpur) . . .	Copyist from 1st to 30th September 1860.
10	400 0 0	(a) Presidency house-rent, R30.	Head Quarters, Calcutta . .	(C) Inclusive of service as Sub-Surveyor, from 3rd November 1856 to 30th September 1860.
1	. . .	. . . .	On medical leave . . .	For one year from 16th May 1888. Furlough for 2 years, from 1st August 1883.
2	350 0 0	(c) Burma, R100 .	No. 21 (Upper Burma) . .	Furlough from 11th November 1883 to 6th November 1884.
3	350 0 0	(b) Dehra Office, R50 .	Computing Dehra Dun . .	Service reckoned under old rules.
4	350 0 0	(d) Deputation, R50 .	No. 25 (Tidal and Levelling) .	Ditto ditto.

(a) Financial Resolution No. 704, dated 22nd February 1866.
(b) Financial Resolution No. 3996, dated 22nd December 1864, and No. 2579, dated 30th November 1871.
(c) Department of Home, Revenue, and Agriculture, No. 171, dated 6th May 1880.
(d) Surveyor General's No. 9533—S, dated 29th September 1885.

Classified List of Officers of the Junior Division, Survey of India

No. sanctioned.	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	*Period of service counting towards pension on 1st July 1883
		JUNIOR DIVISION —*contd.*			Y. M. D.			Y. M. D.
		Surveyors—*contd.*						
		3RD GRADE—*concld.* *Salary R350*—concld.						
	5	H. Dowman	Rev.		42 0 20	Oct. 16, 1862	Sep. 5, 1883	25 8 1
	6	E. G. Little	Rev.		42 8 19	Jan. 1, 1860	Sep. 23, 1883	20 8 19A
	7	H. T. Hanby	Rev.	L. S.	41 8 12	Nov. 13, 1862	Oct. 29, 1883	25 7 18
	8	L. J. Pocock	G. T. S.	H. S.	44 9 5	July 10, 1863	Nov. 1, 1883	22 6 7B
	9	A. Christie	G. T. S.	H. S.	42 9 1	Aug. 7, 1863	June 2, 1884	20 3 4
	10	W. J. O'Sullivan	G. T. S.		44 4 17	Oct. 1, 1863	Oct. 1, 1884	22 4 17
	11	W. W. McNair	Topogl.	L. S.	37 9 18	Sep. 1, 1867	Nov. 10, 1884	14 9 10
	12	N. C. Gwynne	G. T. S.		45 3 25	Oct. 19, 1863	March 1, 1885	23 3 25
	13	W. C. Price	G. T. S.		42 0 8	Nov. 1, 1863	Nov. 15, 1885	20 0 8
	14	C. H. McA'Fee	G. T. S.	L. S.	38 7 15	Sep. 6, 1864	July 1, 1886	16 6 15
18		4TH GRADE. *Salary R300.*						
	1	C. F. Hamer	Topogl.		41 10 24	Aug. 3, 1863	July 13, 1878	19 8 24
	2	J. H. O'Donel	Rev.		42 11 20	Oct. 1, 1863	Oct. 22, 1879	20 11 20
	3	T. E M. Claudius	Topogl.		42 1 0	Aug. 1, 1863	Jan. 1, 1880	20 1 0
	4	A. J James	Topogl.	L. S.	41 7 12	June 15, 1864	Nov. 22, 1880	19 7 12
	5	T. H. Rendell	G T. S.		43 11 9	Oct. 11, 1864	June , 1881	21 11 9
	6	J. T. U. Coxen	Rev.		47 9 22	May 16, 1863	Feb. 22, 1883	23 4 26
	7	*D. A. King*	Rev.		41 7 26	April 12, 1864	April 1, 1883	19 1 14
	...	*W. Stotesbury*	Topogl.	H. S. L. S. Canarese.	40 11 6	Oct. 4, 1864	July 21, 1883	18 11 6
	8	R. B. Smart	Rev.	L. S.	41 0 2	Jan. 1, 1864	Sep. 5, 1883	19 0 2
	9	F. Kitchen	Topogl.		42 3 7	Oct. 1, 1864	Sep. 23, 1883	20 1 7C
	10	Hugh Todd	G. T. S.		40 10 15	July 15, 1865	Oct. 6, 1883	18 9 16D
	11	E. J. Connor	G. T. S.	L. S.	39 10 15	March 1, 1865	Nov. 1, 1883	17 4 10E

* Applies only to officers who are under the Uncovenanted Service Rules.

Department, as it stood on 1st July 1888—continued.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached	Remarks.
	R a. p.			
5	350 0 0	. . . .	No. 9 (Jubbulpore) . . .	Absent without leave 3 days, sick leave 2 days in October 1865, 4 days in December 1865, and from 11th to 16th December 1866
6	350 0 0	. . . .	No 5 (Gorakhpur) . . .	Apprentice from 1st January 1860 to 4th November 1862. (A) Exclusive of 7 years 9 months 11 days' service under 22 years of age.
7	350 0 0	. . . .	No. 4 (Basti).	
8	350 0 0	. . . .	No. 14 (Hoshungabad) . .	(B) Exclusive of 89 days' sick leave.
9	350 0 0	. . . .	No. 14 (Hoshungabad) . .	Furlough from 18th November 1886 to 15th May 1887.
10	350 0 0	. . . .	Srinagar.	
11	350 0 0	(a) Baluchistan, R100 .	No. 16 (Baluchistan II) . .	Furlough for 1 year from 28th March 1883. On duty in England for 3 months from 28th March 1884 Extraordinary leave for 6 weeks from 28th June 1884.
12	350 0 0	. . . .	Drawing Office, Dehra Dun.	
13	350 0 0	. . . .	No. 4 (Basti).	
14	350 0 0	. . . .	Drawing Office, Dehra Dun .	Sick leave for 1 month from 30th December 1882 Passed the Poona C. E. College Examination in 1864.
1	300 0 0	. . . .	No 19 (Madras)	
2	300 0 0	(b) Assam, R50 . .	No 6 (Assam).	
3	300 0 0	(a) Baluchistan, R100 .	No 15 (Baluchistan I).	
4	300 0 0	. . . .	No. 19 (Madras)	
5	300 0 0	. . . .	Drawing Office, Dehra Dun.	
6	300 0 0	. . . .	No. 12 (Saugor) . . .	Sick leave from 8th to 31st October 1878, and for 6 months from 12th November 1878. On furlough in India for 6 months, from 28th May to 25th October 1883 On leave without allowances from 1st July to 30th September 1885. Medical leave for 6 months from 10th November 1886.
7	. . . .	. . . .	On medical leave . . .	For 1 year from 20th December 1887. Apprentice from 12th April to 30th June 1864.
...	400 0 0	. . . .	Draftsman and Compiler, Head Quarters, Calcutta.	
8	300 0 0	. . . .	No. 8 (Bengal and Orissa) .	Apprentice from 1st January to 31st December 1864.
9	300 0 0	(c) Burma, R100 . .	No. 21 (Upper Burma) . .	(C) Exclusive of 2 months' sick leave.
10	300 0 0	. . . .	No. 19 (Madras) . . .	(D) Exclusive of 30 days' sick leave.
11	300 0 0	. . . .	No. 25 (Tidal and Levelling) .	(E) Exclusive of 6 months and 5 days' leave on private affairs under new rules.

(a) Department of Revenue and Agriculture, No 522S., dated 15th December 1882.
(b) Ditto ditto No 27S , dated 18th January 1884.
(c) Department of Home, Revenue, and Agriculture, No. 171, dated 6th May 1880.

Classified List of Officers of the Junior Division, Survey of India

No sanctioned.	No existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	*Period of service counting towards pension on 1st July 1888
					Y. M D.			Y. M D.
		JUNIOR DIVISION —*contd.*						
		Surveyors—*concld.*						
		4TH GRADE—*concld.*						
		Salary R300—concld.						
	12	J. Connor	Rev.	. . . .	40 9 24	Feb. 15, 1865	June 2, 1884	18 9 24
	...	*T. H. Dunne*	Rev.	L. S.	38 6 7	Feb. 15, 1865	Sep. 1, 1884	16 5 26
	13	J. Bond	G. T. S.	. . . .	38 5 24	Oct. 18, 1866	Oct. 1, 1884	16 5 4A
	14	C. D. Potter	G. T. S.	L. S.	42 9 27	Oct. 29, 1866	Nov. 10, 1884	20 8 24B
	15	J. Newland	Rev.	L. S.	50 10 26	Oct. 22, 1863	March 1, 1885	24 8 10
	16	C. Tapsell	Topogl.	L S.	43 7 17	Aug. 2, 1864	July 1, 1886	21 7 17
	17	J. A. Barker	Topogl.	. . . .	42 2 18	Sep. 1, 1865	Aug. 1, 1886	20 2 18
	18	E. A. Wainright . . .	Topogl.	. . . .	40 0 23	May 1, 1866	Nov. 24, 1887	18 0 23
		Assistant Surveyors						
41		1ST GRADE						
		Salary R200, rising to R250.						
	1	R. C. D. Ewing . . .	Rev.	H S.	40 0 20	June 9, 1866	Aug. 1, 1878	15 11 25
	2	W. J. Cornelius . . .	Topogl.	L. S.	39 3 1	Aug. 15, 1866	July 8, 1879	17 3 1
	3	G. W. Jarbo	Rev.	L. S	40 9 15	Nov. 1, 1866	Jan. 1, 1880	18 9 15
	...	*P J. W. Doran* . . .	Topogl	L. S.	39 1 27	Feb. 1, 1867	July 6, 1880	16 5 3
	4	J. R. Scott	Rev.	L. S.	39 3 27	Jan. 19, 1867	Nov. 22, 1880	17 3 27
	5	J. McHatton	Rev.	L. S.	38 11 14	July 1, 1867	April 1, 1881	15 11 14
	6	H. T. Kitchen . . .	Topogl.	. . . .	40 0 23	Nov. 1, 1867	April 1, 1881	18 0 23
	7	J. H. Wilson	Topogl.	L. S. Elementary standard Burmese.	42 0 23	April 1, 1868C	April 1, 1881	19 10 23D
	8	J. Hickie	G. T. S.	L. S.	39 5 17	April 29, 1868	April 1, 1881	16 11 17
	9	S O. Madras	Rev.	. . . .	37 10 16	July 6, 1868	April 1, 1881	15 10 16
	10	G. D. Cusson	G. T. S.	L. S.	41 9 7	May 8, 1868	April 1, 1881	18 9 7E
	11	T. F. Freeman . . .	Rev.	L. S.	37 3 27	Sep. 9, 1868	April 1, 1881	12 8 27
	..	*G. C. Swiney*	Rev.	. . . .	39 0 4	Sep. 17, 1868	April 1, 1881	17 0 4
	12	J. S Swiney	Rev.	. . . .	37 6 12	Jan. 5, 1869	April 1, 1881	15 6 12
	13	C. P. Torrens	G. T. S.	. . . .	37 0 12	Dec. 12, 1868	April 1, 1881	15 0 10F
	14	W. Robert	Topogl.	. . . .	37 10 2	Aug. 21, 1869	April 1, 1881	15 10 2
	15	T. Shaw	Rev.	L. S.	35 7 15	April 21, 1869	April 1, 1881	13 7 15

* Applies only to officers who are under the Uncovenanted Service Rules.

Department, as it stood on 1st July 1888—continued.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	R a. p.			
12	300 0 0	(a) Assam, R50 . .	No. 6 (Assam).	
...	. . . .	. . . .	On deputation, Central Provinces.	Absent without leave 1 day, and sick leave for 10 days in October 1865.
13	300 0 0	. . . .	No. 24 (Coast)	(A) Exclusive of 20 days' sick leave.
14	300 0 0	. . . .	No. 18 (Himalaya) . . .	(B) Exclusive of 33 days' sick leave.
15	300 0 0	. . . .	No. 17 (Gujarat).	
16	300 0 0	. . . .	No. 10 (South Maratha).	
17	300 0 0	(b) Burma, R100 . .	No 20 (Burma).	
18	300 0 0	(c) Baluchistan, R100 .	No. 15 (Baluchistan I).	
1	300 0 0	. . . .	No. 8 (Bengal and Orissa) .	Offg. Surveyor, 4th grade. Furlough from 17th September 1885 to 11th September 1887.
2	300 0 0	. . . .	Drawing Office, Dehra Dun.	Offg. Surveyor, 4th grade.
3	300 0 0	(b) Burma, R100 . .	No. 7 (Bassein) . . .	Ditto ditto Sick leave for 15 days, from 26th May to 9th June 1869.
...	325 0 0	. . . .	Draftsman, Head Quarters, Calcutta.	
4	. . . .	. . . .	On deputation, Central Provinces.	
5	250 0 0	. . . .	No. 2 (Bilaspur) . . .	Furlough for 1 year, from 1st January to 31st December 1879.
6	250 0 0	. . . .	No. 18 (Himalaya).	
7	250 0 0	(b) Burma, R100 . .	No. 20 (Burma) . . .	(C) Commencement of second service. (D) Exclusive of 2 months' sick leave from 1st July 1869. Appointed Draftsman from 15th May 1883.
8	250 0 0	. . . .	No. 11 (Seoni)	Exclusive of 6 months' sick leave.
9	250 0 0	(d) Presidency house-rent, R20.	Head Quarters, Calcutta.	
10	250 0 0	. . . .	No. 25 (Tidal and Levelling) .	(E) Exclusive of furlough for 364 days, from 1st November 1879 to 30th October 1880.
11	250 0 0	. . . .	No. 5 (Gorakhpur) . . .	Sick leave for 2 years from 1st May 1880; extension for 9 months without pay up to 31st January 1883.
...	. . . .	. . . .	On deputation, Central Provinces	
12	250 0 0	(b) Burma, R100 . .	No. 7 (Bassein).	
13	250 0 0	(b) Ditto . . .	No. 20 (Burma) . . .	(F) Exclusive of 2 days' overstayed privilege leave.
14	250 0 0	. . . .	No. 18 (Himalaya).	
15	250 0 0	. . . .	No. 8 (Bengal and Orissa).	

(a) Department of Revenue and Agriculture, No. 278., dated 18th January 1884.
(b) Department of Home, Revenue, and Agriculture, No. 171, dated 6th May 1880.
(c) Department of Revenue and Agriculture, No 522S , dated 15th December 1852.
(d) Financial Resolution No. 704, dated 22nd February 1866.

Classified List of Officers of the Junior Division, Survey of India

No. sanctioned.	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	*Period of service counting towards pension on 1st July 1888.
		JUNIOR DIVISION —*contd.* **Assistant Surveyors —*contd.*** 1st Grade—*contd.* *Salary R900, rising to R950*—contd.			Y. M. D.			Y. M. D.
	16	C. W. Wilson	Rev.	L. S.	42 7 22	June 21, 1867A	April 1, 1881	20 2 22
	17	*E. J. Martin*	Rev.	. . . .	37 4 15	Sep. 16, 1867	April 1, 1881	14 5 28
	18	C. W. F. Seyers	Rev.	. . . .	44 10 15	Dec. 1, 1864	June 7, 1881	22 10 15
	19	W. H. Penrose	Rev.	L. S.	36 8 24	Aug. 11, 1869	Nov. 1, 1882	14 1 17
	...	*G. E. Parker*	Rev.	. . . .	38 4 18	Nov. 18, 1870	Jan. 17, 1883	16 4 18
	20	G. Campbell	Rev.	. . . .	39 11 19	Jan. 1, 1864	Jan. 22, 1883	16 11 9
	21	W. C. G. Barckley	Topogl.	. . . .	36 8 9	Dec. 1, 1871	Feb. 22, 1883	14 8 9B
	22	G. T. Hall	G. T. S.	L. S.	36 6 29	Nov. 22, 1872	April 1, 1883	14 6 29
	23	G. Vander Beek	Topogl.	L. S.	38 9 15	July 1, 1872	April 30, 1883	16 9 15
	24	R. Todd	Topogl.	. . . .	42 11 20	Nov. 1, 1863	July 21, 1883	20 11 19
	25	J. Murphy	Rev.	. . . .	35 11 19	Nov. 22, 1868	Aug. 10, 1883	13 11 19
	26	R. A. Gibson	Topogl.	L. S. Burmese.	33 11 26	Dec. 1, 1870	Sep. 5, 1883	11 11 26
	27	A. W. Smart	Rev.	. . . .	37 4 1	Dec. 1, 1871	Oct. 6, 1883	15 4 1
	28	W. M. Kelly	Rev.	L S.	33 10 25	Oct. 1, 1872	Nov. 21, 1883	11 10 25
	29	A. Kitchen	Topogl.	. . . .	35 5 4	Oct. 1, 1872	Dec. 1, 1883	13 5 4
	...	*E. P. S. Hill*	Rev.	H.S., L.S., Persian.	32 11 15	Nov. 16, 1872	June 2, 1884	10 11 15
	30	R. R. Dickinson	Rev.	L. S.	36 11 6	April 16, 1873	Sep. 1, 1884	14 11 6
	31	E. Graham	Topogl.	L. S.	34 8 0	Aug. 11, 1873	Nov. 10, 1884	12 8 0
	32	G. A. Knight	Topogl.	. . . .	34 2 9	Aug. 11, 1873	March 1, 1885	12 2 9
	33	W. A. Fielding	. . .	L. S.	39 1 3	May 1, 1868 Oct. 1, 1887O	April 1, 1881	18 1 13
	...	*P. A. Peters*	Rev.	L. S.	33 6 23	Nov. 1, 1873	May 14, 1886	11 6 23
	34	P. F. Prunty	G. T. S.	. . .	33 6 6	May 9, 1874	May 14, 1886	11 6 6

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Department, as it stood on 1st July 1888—continued.

No existing in each grade	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	R a p			
16	250 0 0	. . . .	No. 13 (Betul)	(A) Commencement of second service Sick leave for 3 months from 1st March 1869, and 2 months from 1st August 1869
17	. . . .	. . . .	On medical leave . . .	For 6 months from 13th April 1888. Furlough from 1st April to 30th November 1882 Office Assistant from 16th September 1867 to 31st July 1870.
18	240 0 0	. . . .	No 13 (Betul).	
19	240 0 0	(*a*) Burma, R100 . .	No 20 (Burma) . . .	Leave on medical certificate, from 22nd October to 28th November 1883, and for 6 months from 3rd August 1886 to 2nd February 1887
	. . . .	. . . .	On deputation, Central Provinces.	
20	250 0 0	. . . .	No. 1 (Punjab) . . .	Office Assistant, from 1st January 1864 to 20th February 1874. Furlough for 1 year, from 22nd September 1881 to 21st September 1882.
21	250 0 0	(*b*) Baluchistan, R100 .	No 15 (Baluchistan I) . .	(B) Inclusive of special leave to Europe on full pay for 1 year 10 months and 26 days, from 7th April 1876 to 2nd March 1878.
22	250 0 0	. . . .	No 12 (Saugor).	
23	250 0 0	. . . .	No. 3 (Nagpur) . . .	Apprentice Draftsman, from 11th October 1870 to 30th July 1872.
24	250 0 0	. . . .	No 19 (Madras) . . .	Suspension from 11th May to 6th June 1883.
25	240 0 0	. . . .	No 5 (Gorakhpur) . . .	Office Assistant, from 22nd November 1868 to 31st October 1871.
26	. . . .	. . . .	On deputation, Upper Burma .	Previous service on probation in G T S, from 1st October 1868 to 30th June 1870. Apprentice Draftsman, Surveyor General's Office, from 10th October to 30th November 1870 Probationary Assistant Surveyor, 1st December 1870.
27	240 0 0	. . . .	No. 5 (Gorakhpur) . . .	Three months' sick leave from 8th July 1880.
28	240 0 0	(*c*) Half scale local, R14 6 4.	No. 10 (South Maratha) . .	Re-appointed to the Department, 1st October 1878, after employment in the Forest Department, from 1st November 1877 to 30th September 1878.
29	240 0 0	(*b*) Baluchistan, R100 .	No 15 (Baluchistan I).	
...	. . . .	. . . .	On deputation, Central Provinces	
30	230 0 0	. . . .	No 10 (South Maratha) . .	Apprentice from 1st April 1872 to 15th April 1873.
3	230 0 0	(*b*) Baluchistan, R100 .	No. 16 (Baluchistan II) . .	Previous service as Sub Surveyor from 1st November 1872.
32	230 0 0	(*c*) Half scale local, R13 12 9.	No 17 (Gujarat).	
	250 0 0	. . . .	No 18 (Himalaya) . . .	(C) Date of re-appointment. Inclusive of services in the Bombay Secretariat from 1st April 1886 to 30th September 1887.
...	. . .	. . . .	On deputation, Straits Settlement	
3	220 0 0	. . . .	No 18 (Himalaya).	

(*a*) Department of Home, Revenue, and Agriculture, No. 171, dated 6th May 1880.
(*b*) Department of Revenue and Agriculture, No. 522S, dated 15th December 1882.
(*c*) Financial Resolution No. 704, dated 22nd February 1866.

Classified List of Officers of the Junior Division, Survey of India

No. sanctioned.	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	*Period of service counting towards pension on 1st July 1888.
		JUNIOR DIVISION —*contd.*			Y. M. D.			Y. M. D
		Assistant Surveyors— *contd.*						
		1ST GRADE—*concld*						
		Salary R200, rising to R250— concld.						
	35	P. White	Topogl.	L. S.	37 8 23	Oct. 1, 1872	Oct. 1, 1884	13 615A
	36	J Keating.	G. T. S.	. . .	34 1 27	June 1, 1874	July 1, 1886	12 1 27
	37	C S. Kraal	Rev	L S.	34 8 6	July 24, 1874	Aug. 1, 1886	12 7 19
	38	S. F. Norman . . .	G. T. S.	. . .	33 10 23	Sep. 1, 1874	April 1, 1887	11 10 23
	39	C Norman	G. T. S.	L. S.	32 1 12	Oct. 12, 1874	April 1, 1887	10 1 12
	40	D. Campbell	Topogl.	. . .	35 7 13	Nov 1, 1874	April 1, 1887	13 7 13
	41	L. F. Berkeley . . .	Rev.	L. S.	33 10 3	Aug. 16, 1875	Nov. 24, 1887	11 10 3
22		2ND GRADE.						
		Salary R160, rising to R200.						
	1	B. M. Wilson	Rev.	. . .	40 2 17	Nov. 15, 1872	April 1, 1881	16 5 0
	2	G. P. Tate	†	L. S.	31 11 9	Mar. 12, 1878	Nov. 21, 1883	9 11 9
	3	J M Kennedy . . .	G. T. S.	. . .	31 7 28	Aug 19, 1875	Nov. 24, 1883	9 7 28
	4	P C. H Smart . . .	†	. . .	32 9 15	April 18, 1878	Dec. 1, 1883	9 9 6
	5	C. George	†	L. S.	35 6 24	Sep. 5, 1878	Dec. 1, 1883	13 6 24
	6	R. F. Warwick . . .	G. T. S.	L. S.	33 3 6	July 2, 1875	March 1, 1884	9 129B
	7	A. George	†	L. S.	35 5 18	Oct. 15, 1872	Sep. 25, 1884	9 8170
	8	R W. Senior . . .	†	L. S.	27 7 18	Dec. 21, 1878	Oct. 1, 1884	5 7 18
	9	W. H. D. Ewing . . .	†	L. S.	30 10 7	April 15, 1878	Nov. 10, 1884	8 8 6D
	10	*J. A. Hogg*	†	L. S.	29 2 13	Sep. 12, 1881	Nov. 28, 1884	6 5 25
	11	O. D Smart	†	. . .	30 9 15	Oct. 1, 1881	March 1, 1885	8 7 0
	12	A. Ewing	†	. . .	26 6 0	Nov. 16, 1881	Oct. 1, 1885	4 6 0
	13	M. Gastaud	†	. . .	26 3 24	May 1, 1882	Oct. 30, 1885	4 3 24
	14	P. Becchey	†	L. S.	26 11 14	Dec. 1, 1882	April 1, 1886	4 11 14
	15	E F. Berkeley . . .	†	L. S.	23 8 10	Sep. 1, 1883	May 14, 1886	1 8 10

* Applies only to officers who are under the Uncovenanted Service Rules.
† Joined the Department after the amalgamation on 1st January 1878.

Department, as it stood on 1st July 1888—continued.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	R a. p			
35	210 0 0	. . . .	No 11 (Seoni)	(A) Exclusive of sick leave for 3 months, from 21st October 1878. Leave extended for 3 months, further extension of leave without pay up to 17th August 1879 On half-pay list, from 18th August 1879 to 31st August 1880 On sick leave for 1 year, from 17th October 1881 Extension to 28th January 1883. On sick leave for 3 months, from 5th November 1883 to 4th February 1884.
36	220 0 0	. . . .	Drawing Office, Dehra-Dun.	
37	210 0 0	. . . .	No. 2 (Bilaspur) . . .	Sick leave, from 6th to 22nd February 1879.
38	210 0 0	(a) Half scale local, R12 9 7.	No 17 (Gujarat).	
39	210 0 0	(a) Ditto 12 9-7 .	No. 17 (Gujarat).	
40	200 0 0	. . . .	No. 14 (Hoshungabad) . .	Joined as a Sub-Surveyor on 3rd July 1872.
41	200 0 0	. . . .	No 4 (Bastif	
1	192 0 0	(a) Presidency house rent R20.	Head Quarters, Calcutta . .	Apprentice from 1st February to 14th November 1872
2	192 0 0	(b) Baluchistan, R100	No. 16 (Baluchistan II) . .	Apprentice from 1st March 1874.
3	192 0 0	(c) Burma, R100 .	No. 21 (Upper Burma).	
4	192 0 0	. . . .	No 2 (Bilaspur) . . .	Sick leave from 8th April to 14th September 1883
5	192 0 0	. . . .	No 11 (Seoni) . . .	Previous service as Sub-Surveyor from 18th August 1874
6	192 0 0	. . . .	No. 4 (Basti)	(B) Exclusive of leave on medical certificate for 2 months, from 10th October to 9th December 1877 Also for 6 months, from 1st May to 31st October 1879 Also for 4 months and 25 days, from 30th August 1881 Also from 16th August 1882 to 14th August 1883.
7	176 0 0	. . . .	No 9 (Jubbulpore) . . .	(C) Exclusive of previous service as Sub-Surveyor.
8	184 0 0	. . . .	No. 19 (Madras).	
9	184 0 0	. . . .	No 1 (Punjab) . . .	(D) Exclusive of 2 months and 1 day's suspension, from 28th May to 1st July 1880, and sick leave from 2nd to 28th July 1880
10	. . . .	. . . .	On medical leave . . .	For 9 months, from 7th March 1888 Previous service as apprentice from 31st July 1878.
11	184 0 0	. . . .	No. 3 (Nagpur) . . .	Includes service in the temporary or Cadastral establishment without interruption, from 1st December 1879 to 30th September 1881.
12	176 0 0	. . . .	No. 9 (Jubbulpore).	
13	176 0 0	(d) Assam, R40 . .	No 6 (Assam).	
14	176 0 0	(e) Burma, R100 . .	No 7 (Bassein).	
15	176 0 0	. . . .	Srinagar.	

(a) Financial Resolution No 704, dated 22nd February 1866
(b) Department of Revenue and Agriculture, No 525, dated 15th December 1882.
(c) Department of Home, Revenue, and Agriculture, No 171, dated 6th May 1880.
(d) Department of Revenue and Agriculture, No 27S., dated 18th January 1884.

Classified List of Officers of the Junior Division, Survey of India

No. sanctioned.	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	* Period of service counting towards pension on 1st July. '88.
		JUNIOR DIVISION —*concld.*			Y. M. D.			Y. M. D.
		Assistant Surveyors— *concld.*						
		2ND GRADE—*concld.* *Salary R160, rising to R200*—concld.						
	16	B. R. Hughes	†	L. S.	22 0 18	Oct. 15, 1883	July 1, 1886	0 0 18
	17	F. W. Moore	†	. . . .	23 6 11	Dec. 13, 1883	July 1, 1886	1 6 11
	18	J. P. Barker	†	. . . .	22 10 10	Dec. 23, 1883	Aug. 1, 1886	0 10 10
	19	N. Bedford	†	. . . .	26 11 15	Jan. 10, 1884	April 1, 1887	4 5 21
	20	T. W. Babonau (Jr.)	†	L. S.	21 11 21	Jan. 15, 1884	April 1, 1887	. . .
	21	T. J. J. Mills	†	. . . .	24 6 1	March 14, 1884	April 1, 1887	2 6 1
	22	P. J. Serrão	†	. . . .	26 11 28	April 24, 1884	Nov. 24, 1887	4 2 6
22	. .	3RD GRADE. *Salary R120, rising to R160.*						
	1	J. Smith	†	. . . .	24 9 17	Aug. 1, 1884	Aug. 1, 1884	2 9 17
	2	W. E. Johnson	†	. . . .	26 9 16	Aug. 18, 1884	Aug. 18, 1884	3 10 15
	3	W. V. Skilling	†	L. S.	21 2 6	Nov. 24, 1884	Nov. 24, 1884	. . .
	4	F. E. Warde	†	. . . .	36 9 24	Nov. 13, 1884	Nov. 13, 1884	3 7 19
	5	H. A. Charrier	†	L. S.	23 8 8	April 21, 1884	April 21, 1884	1 8 8
	6	A. B. Smart	†	. . . .	22 9 4	Feb. 25, 1885	Feb. 25, 1885	0 9 4
	7	F. P. Walsh	†	. . . .	21 7 10	Mar. 4, 1886	Mar. 4, 1886	. . .
	8	C. G. Lee	†	. . . .	21 10 8	Mar. 1, 1886	Mar. 1, 1886	. . .
	9	F. S. Bell	†	. . . .	23 9 2	Sep. 24, 1886	Sep. 24, 1886	1 9 2
	10	F. B. Powell	†	. . . .	23 10 21	Sep. 23, 1886	Sep. 23, 1886	1 9 8
	11	Yusaf Sharif, Khan Bahadur	†	. . . .	41 6 14	June 16, 1867	Dec. 1, 1886	19 6 13
	12	Rai Hira Singh, Bahadur	†	. . . .	36 10 0	Nov. 13, 1873	Mar. 12, 1887	14 7 18
	13	*C. G. S. Wood*	†	L. S.	20 0 0	Aug. 2, 1884	Aug. 2, 1884	. . .
	14	J. A. T. Haddock	†	. . . .	24 8 16	Nov. 26, 1887	Nov. 26, 1887	0 7 5
	15	J. H. Murphy	†	. . . .	18 11 6	Nov. 1, 1887	Nov. 1, 1887	. . .
	16	W. J. Baker	†	. . . .	21 10 14	Jan. 25, 1888	Jan. 25, 1888	. . .
	17	C. S. Gasper	†	. . . .	19 10 21	Mar. 2, 1888	Mar. 2, 1888	. . .
	18	Vacant	. . . .	. . . .	. . .	. . . .	. . . .	. . .
	19	Ditto	. . . .	. . . .	. . .	. . . .	. . . .	. . .
	20	Ditto	. . . .	. . . .	. . .	. . . .	. . . .	. . .
	21	Ditto	. . . .	. . . .	. . .	. . . .	. . . .	. . .
	22	Ditto	. . . .	. . . .	. . .	. . . .	. . . .	. . .

* Applies only to officers who are under the Uncovenanted Service Rules.
† Joined the Department after the amalgamation on 1st January 1878.

Department, as it stood on 1st July 1888—concluded.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	R a. p.			
16	176 0 0	(a) Baluchistan, R100 .	No. 16 (Baluchistan II).	
17	168 0 0	. . . .	No. 2 (Bilaspur).	
18	168 0	. . . .	No. 2 (Bilaspur).	
19	168 0 0	. . . .	No. 5 (Gorakhpur).	
20	168 0 0	. . . .	No. 13 (Betul).	
21	168 0 0	. . . .	No. 19 (Madras).	
22	160 0 0	. . . .	No. 17 (Gujarat).	
1	144 0 0	(b) Assam, R40 .	No. 6 (Assam).	
2	144 0 0	. . . .	No. 4 (Basti).	
3	144 0 0	. . . .	No. 5 (Gorakhpur).	
4	128 0 0	. . . .	No. 14 (Hoshungabad) . .	(A) Date of re-appointment.
5	144 0 0	. . . .	No. 12 (Saugor).	
6	144 0 0	(c) Presidency house-rent, R20.	No 8 (Bengal and Orissa).	
7	136 0 0	. . . .	No. 1 (Punjab).	
8	136 0 0	. . . .	No. 8 (Bengal and Orissa).	Previous service in the Cadastral Establishment without interruption from 1st December 1883 to 28th February 1886.
9	128 0 0	. . . .	No. 1 (Punjab).	
10	128 0 0	. . . .	Srinagar.	
11	128 0 0	. . . .	Drawing Office, Dehra Dun .	Joined as Sub-Surveyor, 16th June 1867.
12	128 0 0	(a) Baluchistan, R100 .	No. 15 (Baluchistan I) . .	Joined as Sub-Surveyor. Previous service in G T. O. Printing Section from 1st October 1871.
13	. . . .	. . . .	Extraordinary leave . . .	Without allowances for 20 months, from 12th May 1886. Extension for 9 months.
14	120 0 0	(d) Burma, R100 . .	No. 7 (Bassein) . . .	On probation.
15	120 0 0	. . . .	No. 5 (Gorakhpur) . . .	Ditto.
16	120 0 0	. . . .	No. 3 (Nagpur) . . .	Ditto.
17	120 0 0	. . . .	No. 8 (Bengal and Orissa) .	Ditto.
18	. . . .	. . . .	. . . . .	
19	. . . .	. . . .	. . . . .	
20	. . . .	. . . .	. . . . .	
21	. . . .	. . . .	. . . . .	
22	. . . .	. . . .	. . . . .	

(a) Department of Revenue and Agriculture, No. 5228, dated 15th December 1882.
(b) Ditto ditto, No. 278, dated 18th January 1884.
(c) Financial Resolution No 704, dated 22nd February 1866.
(d) Department of Home, Revenue, and Agriculture, No. 171, dated 6th May 1880.

Names of Administrative and Technical Offices of the Survey of India Department as they stood on 1st July 1888.

Names of Offices and Sections.	Nature of Current Operations.	Administrative Superintendent.
Head Quarters, Calcutta.		
Administrative		
Surveyor General's	Accounts, Correspondence	A S G, S G O.
Deputy Surveyor General's, Topo	Ditto	A S G, S G O.
Ditto, Rev	Ditto	D S G, Rev
Map Record and Issue	Correspondence, Receipts and Issues	A S G, D O.
Technical.		
Drawing and Compiling	Mapping	A S G, D O
Engraving	On copper by hand	A S G, D O
Lithographic and Printing	Mapping, Litho and Type Printing	A S G, Photo.
Photozincographic	Photo Reproduction and Zinc Printing	A S G, Photo.
Mathematical Instrument	Repairing, storing and Issue	A S G, S G. O
Trigonometrical Branch, Dehra Dun		
Administrative.		
Deputy Surveyor General's, Trigonometrical Branch	Accounts, Correspondence	D S G, Trig.
Technical Sections.		
Computing	Reduction and Publication	Ditto.
Drawing and Compiling	Mapping	Ditto
Meteorological		Ditto
Photozincography	Photo Reproduction and Zinc Printing	Ditto
Printing	Letter press Printing	Ditto.
Solar Photography	Solar Photography	Ditto.
Head Quarters Office, Simla.		—
Administrative		
Surveyor General's	Direction and Correspondence	S G.

Names of Field Parties of the Survey of India Department as they stood on 1st July 1888.

Number of Party.	Locale of Operations.	Abbreviation.	Nature of Current Operations.	Administrative Superintendent.
No. 1	Punjab	Punj.	Traversing and Compilation	D. S. G., Rev.
,, 2	Bilaspur	Bil.	Cadastral	Ditto.
,, 3	Nagpur	Nag.	Traversing	Ditto.
,, 4	Basti	Basti	Cadastral	Ditto.
,, 5	Gorakhpur	Gorakh.	Ditto	Ditto.
,, 6	Assam	Assam	Ditto	Ditto.
,, 7	Bassein	Bass.	Ditto	Ditto.
,, 8	Bengal and Orissa	Beng.	Cadastral and Special	Ditto.
,, 9	Jubbulpore	Jub.	Traversing	Ditto.
,, 10	South Marátha	S. Mar.	Topographical and Forest	Ditto.
,, 11	Seoni	Seo.	Traversing.	Ditto.
,, 12	Saugor	Saug.	Ditto	Ditto.
,, 13	Betul	Betul	Ditto	Ditto.
,, 14	Hoshungabad	Hoshung.	Forest	D. S. G., Trig.
,, 15	Baluchistan I	Bal. I	Topographical	D. S. G., Topo.
,, 16	Baluchistan II	Bal. II	Ditto	Ditto.
,, 17	Gujarat	Guj.	Topographical and Forest	Ditto.
,, 18	Himalaya	Him.	Topographical	D. S. G., Trig.
,, 19	Madras	Mad.	Ditto	D. S. G., Topo.
,, 20	Burma	Bur.	Forest	Ditto.
,, 21	Upper Burma	U. Bur.	Topographical	Ditto.
,, 22	Astronomical I	Ast. I	Electro-long. Observations	D. S. G., Trig.
,, 23	Ditto II	Ast II	Ditto Ditto	Ditto.
,, 24	Coast	Coast	Minor Triangulation	Ditto.
,, 25	Tidal and Levelling	Tidal	Tide Registering and Levelling.	Ditto.
	Srinagar	Sri.	Cadastral	D. S. G. R.

Disposition List of Officers of the Survey of India Department attached to the Head Quarters Offices at Calcutta and Dehra, 1st July 1888.

Name of Office	Administrative Officers.	Officers of the Senior Division.	Officers of the Junior Division.	Class.	Grade.	Date of appointment.	Detail of superintendence and remarks.
Surveyor General of India . .	Colonel H. R Thuillier, R E.	. . .	. . . .	. .	. .	Feb 19, '87	Direction of all Offices and Superintendence of—
Deputy Surveyor General, in charge, Topographical Branch	. . .	. . .	. . . .	. .	. .	Ditto .	No. 15 Party (Baluchistan I). No 16 Party (Baluchistan II). No 17 Party (Gujarat). No 19 Party (Madras). No. 20 Party (Burma). No 21 Party (Upper Burma).
Personal Assistant. (Offices, Calcutta and Simla.)	. . . .	Lieut. G. B. Hodgson, R.E.	. . . .	A. Sup	1st	Sep. 8, 85	Offg Dy Supdt, 4th grade.
Deputy Surveyor General, In charge Revenue Branch.	Col J. Sconce, R.E.	. . .	. . . .	. .	. .	Jan. 1, '79	Superintendence of— No 1 Party (Punjab). No 2 Party (Bilaspur) No 3Party(Nagpur) No 4 Party (Basti). No 5 Party (Gorakhpur). No. 6 Party (Assam) No 7 Party (Bassein) No. 8 Party (Bengal and Orissa). No 9 Party (Jubbulpore). No 10 Party (South Maratha) No 11 Party (Seoni). No 12 Party (Saugor). No 13 Party (Betul). Srinagar Survey.
Office, Calcutta.							

Disposition List of Officers of the Survey of India Department, attached to the Head Quarters Offices at Calcutta and Dehra, 1st July 1888—continued.

Name of Office.	Administrative Officers.	Officers of the Senior Division.	Officers of the Junior Division.	Class.	Grade	Date of appointment.	Details of superintendence and remarks.
Deputy Surveyor General, in charge Trigonometrical Branch.	Col. C. T. Haig, R.E.	. . .	. . . .	. .	. .	Feb 19, '87	Superintendence of Offices at Dehra and of— No. 14 Party (Hoshungabad). No. 18 Party (Himalaya). No. 22 Party (Ast. I). No. 23 Party (Ast. II). No. 24 Party (Coast). No. 25 Party (Tidal & Levelling).
Doing duty . .	. . . .	Bt Lt.-Col. T. H. Holdich, R.E.	. . . .	D. Sup.	3rd	Apl. 14, 88	In charge, Drawing Section.
		Lt. S. G. Burrard, R.E.	. . . .	A. Sup.	1st	Apl. 10, 88	Offg. Dy. Supdt., 4th grade. In charge, Computing.
			C. Wood . .	S.	1st	May 1, 65	Computing.
			G. W. E. Atkinson	S.	1st	Sep. 1, 70	Drawing Section.
			H. W. Peychers .	S.	3rd	Sep. 1, 71	Computing.
			N. C. Gwynne .	S.	3rd	Oct. 1, 86	Drawing Section.
			C. H. McA'Fee. .	S.	3rd	Feb. 1, 85	Ditto.
			T. H. Rendell .	S.	4th	Aug. 1, 86	Ditto.
			W. J. Cornelius .	A. S.	1st	Oct. 1, 87	Ditto. Offg. Surveyor, 4th grade.
			J. Keating . .	A. S.	1st	Oct. 1, 87	Drawing Section
			Yusuf Sharif, Khan Bahadur.	A. S.	3rd	June 18, 88	Ditto.
Offices, Dehra and Mussoorie.							
Assistant Surveyor General, Drawing and Engraving Offices.	Major C. Strahan, R.E.	. . .	. . . .	D. Sup	2nd	Oct. 24, 87	
			G. A. McGill .	S.	1st	Dec. 20, 82 June 2, 84	Date of joining S. I. O. Date of appointment as Chief Draftsman.
			A. J. Wilson .	S.	1st	Mar. 26, 88	Date of joining S I. O.
			S. M. Smylie .	S.	1st	Mar. 12, 3	
			E. S. P. Atkinson .	S.	2nd	June 14, 88	Date of joining S. I. O.
			M. J. Ogle . .	S.	2nd	June 16, 88	
			F. Adams . .	S.	2nd	June 1, 77	
			W. Stotesbury .	S.	4th	June 24, 84 Sep 1, 84	Date of joining S. I. O. Date of appointment as Draftsman.
			P. J. W. Doran .	A. S.	1st	Oct. 25, 83 Jan. 1, 85	Date of joining S. I. O. Date of appointment as Draftsman.
Office, Calcutta.			S. O. Madras .	A. S.	1st	May 7, 84	
			E. J. Martin .	A. S.	1st	Dec. 1, 82	On m. leave.

Disposition List of Officers of the Survey of India Department, attached to the Head Quarters Offices at Calcutta and Dehra, 1st July 1888—concluded.

Name of Office.	Administrative Officers.	Officers of the Senior Division.	Officers of the Junior Division.	Class.	Grade.	Date of appointment.	Details of superintendence and remarks.
Assistant Surveyor General, Surveyor General's Office, and Mathematical Instrument Office.	Col. D. Macdonald, s.c.	. . .	. . . .	D. Sup.	1st	Sep. 26, '87	
Office Calcutta.							
Assistant Surveyor General, Lithographic and Photographic Offices.	Lt.-Col. J. Waterhouse, s.c.	. . .	. . . .	D. Sup.	3rd	Dec. 1, '86 Dec. 17, 86	
		T. A. Pope .	. . . .	A. Sup.	2nd	Oct. 14, 86	Officiating Assistant Superintendent, 1st grade.
Office, Calcutta.							
Map Record and Issue Office.	Maj. C. Strahan, R.E.	. . .	. . . .	D. Sup.	2nd	Nov. 4, 87	
			B. M. Wilson .	A. S.	2nd	Nov. 1, 82	
Office, Calcutta.							

Disposition List of Officers of the Survey of India

No of Party.	Locale and nature of operations.	Administrative Superintendent D S. G	Officers of the Senior and Junior Divisions.	Class.	Grade	Date of appointment to Party.
1	Punjab (Traverse.)	Rev.	Col. F. Coddington, s.c.	D Sup	1st	Mar. 3, '84
			J S Pemberton	S.	1st	Oct. 21, 85
			G Campbell	A. S.	1st	Sep 21, 82
			W. H. D Ewing	A S	2nd	Dec 1, 87
			F. P. Walsh	A. S	3rd	Mar 4, 86
			F. S. Bell.	A S.	3rd	Sep. 24, 86
	Recess quarters, Simla	. .	. . . . .	. . .	. .	. . . .
2	Bilaspur (Cadastral.)	Rev.	Lt -Col. E H Steel, S C.	D Sup	4th	Nov 24, '87
			F. Grant	S.	1st	Nov 1, 79
			J. McHatton	A S.	1st	Jan. 1, 80
			C. S Kraal	A. S	1st	May 1, 87
			P. C H. Smart	A S.	2nd	Oct 1, 85
			F W. Moore	A S.	2nd	Oct. 1, 85
			J. P. Barker	A. S	2nd	Oct. 1, 86
	Recess quarters, Mussoorie.		Professional Establishment (Permanent) . . Cadastral ditto (Temporary) . .			
3	Nagpur (Traverse.)	Rev.	Col W. H Wilkins, s c.	D Sup	2nd	Nov. 4, '85
			W. S. Buttress	S	2nd	Oct 1, 85
			G. Vander Beek	A S.	1st	Nov. 1, 85
			O D Smart	A S	2nd	Feb. 20, 88
			W. J. Baker	A S.	3rd	Jan 25, 88
	Recess quarters, Mussoorie.	. .	. . . . .	. . .	. .	. . . .
4	Basti (Cadastral.)	Rev.	Lt -Col. S. H. Cowan, s.c.	D. Sup.	4th	Dec. 11, '83
			H T. Hanby	S.	3rd	May 1, 70
			W. C. Price	S.	3rd	Oct. 1, 80
			L. F Berkeley	A S	1st	Aug. 16, 75
			R. F. Warwick	A. S.	2nd	Nov. 1, 85
			W E. Johnson	A. S.	3rd	Aug. 18, 84
	Recess quarters, Naini Tal.		Professional Establishment (Permanent) . . Cadastral ditto (Temporary) . .			

Department, attached to Field Parties, 1st July 1888.

Subordinate Establishment.					Annual Cost of Party.	Remarks.
Sub-Surveyors and Computers.	Writers	Flagmen and Carriers	Hospital Assistant	Burkundazes and Peons		
30	1	300	1	12	67,500	
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 3rd grade
15	1	175	1	20	1,41,100	
96	. . .	464	. . .	. . .		
32	2	250	1	8	71,500	
. . .	. . .	. . .	. . .	. . .	. . . .	Offg 3rd grade.
19	1	218	1	17	1,47,000	
420	. . .	515	. . .	. . .		

Disposition List of Officers of the Survey of India Department,

No. of Party	Locale and nature of operations.	Administrative Superintendent. D. S G.	Officers of the Senior and Junior Divisions.	Class.	Grade.	Date of appointment to Party.
5	Gorakhpur (Cadastral)	Rev.	Lt.-Col. J. E. Sandeman, s.c.	D. Sup.	2nd	Nov. 1, '83
			E G. Little	S.	3rd	Apl. 1, 77
			T. F. Freeman	A S.	1st	Oct. 1, 76
			J. Murphy	A. S.	1st	July 2, 83
			A. W. Smart	A. S.	1st	Oct. 1, 85
			N. Bedford	A. S.	2nd	Jan. 10, 84
			W. V. Skilling	A. S.	3rd	Oct. 1, 85
			J. H. Murphy	A. S.	3rd	Nov. 1, 87
	Recess quarters, Naini Tal.		Professional Establishment (Permanent			
			Cadastral ditto (Temporary)			
6	Assam (Cadastral)	Rev	E C. Barrett	D. Sup	4th	July 25, '83
			J. H O'Donel	S.	4th	Oct. 29, 83
			J. Connor	S.	4th	Oct. 29, 83
			M. Gastaud	A S.	2nd	Oct. 1, 86
			J Smith	A S.	3rd	Nov. 1, 84
	Recess quarters, Shillong		Professional Establishment (Permanent)			
			Cadastral ditto (Temporary)			
7	Bassein (Cadastral.)	Rev.	F. W. Kelly	A. Sup.	1st	Sep. 6, '87
			H R. Littlewood	S.	2nd	Oct. 21, 85
			G. W Jarbo	A. S.	1st	Nov 1, 80
			J S. Swiney	A. S.	1st	Apl. 14, 82
			P. Beechey	A. S.	2nd	Nov. 1, 86
			J A. T. Haddock	A. S.	3rd	Nov. 26, 87
	Recess quarters, Rangoon.		Professional Establishment (Permanent)			
			Cadastral ditto (Temporary)			

attached to Field Parties, 1st July 1888—continued.

Subordinate Establishment					Annual Cost of Party	Remarks.
Sub Surveyor and Computers	Writers	Flagmen and Carriers.	Hospital Assistant	Burkundazes and Peons		
19	2	140	1	19	1,51,500	
260	. . .	650	. . .	. . .		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg 3rd grade.
22	1	137	1	8	1,14,800	
160	. . .	225	. . .	. . .		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. Dy. Supdt., 4th grade.
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. Surveyor, 4th grade.
25	1	149	1	18	1,70,000	
158	1	280	. . .	. . .		

Disposition List of Officers of the Survey of India Department,

No. of Party.	Locale and nature of operations.	Administrative Superintendent D. S. G.	Officers of the Senior and Junior Divisions.	Class.	Grade.	Date of appointment to Party.
8	Bengal and Orissa (Cadastral.)	Rev.	Lt.-Col. W. Barron, s.c.	D. Sup.	2nd	Nov. 16, '85 / Aug. 30, 87
			D. Atkinson	S.	1st	Dec. 1, 86
			R. B. Smart	S.	4th	Nov. 1, 81
			R. C. D. Ewing	A. S.	1st	Sep. 12, 87
			T. Shaw	A. S.	1st	Jan. 14, 86
			A. B. Smart	A. S.	3rd	Oct. 1, 85
			C. G. Lee	A. S.	3rd	Mar. 1, 86
			C. S. Gasper	A. S.	3rd	Mar. 2, 88
			Professional Establishment (Permanent)			
	Recess quarters, Calcutta.		Cadastral ditto (Temporary)			
9	Jubbulpore Traverse.)	Rev.	G. H. Cooke	D. Sup.	4th	Oct. 26, '85
			J. Todd	S.	2nd	Oct. 1, 85
			H. Dowman	S.	3rd	Nov. 1, 85
			A. George	A. S.	2nd	Nov. 1, 86
			A. Ewing	A. S.	2nd	Nov. 1, 85
	Recess quarters, Jubbulpore					
10	South Maratha (Topo.)	Rev.	Lt.-Col. H. S. Hutchinson, s.c.	D. Sup.	4th	Oct. 22, 87
			A. M. Lawson	S.	2nd	Nov. 1, 71
			C. Tapsell	S.	4th	Mar. 1, 88
			W. M. Kelly	A. S.	1st	Nov. 1, 79
			R. B. Dickinson	A. S.	1st	May 1, 86
	Recess quarters, Poona					
11	Seoni (Traverse.)	Rev.	Lt.-Col. D. C. Andrew, s.c.	D. Sup.	2nd	Nov. 20, 80
			W. A. Wilson	S.	2nd	Oct. 1, 86
			J. Hickie	A. S.	1st	Nov. 1, 79
			P. White	A. S.	1st	Oct. 1, 83
			C. George	A. S.	2nd	Oct. 1, 85
	Recess quarters, Poona					

attached to Field Parties, 1st July 1888—continued.

Subordinate Establishment.					Annual Cost of Party.	Remarks.
Sub-Surveyors and Computers.	Writers.	Flagmen and Carriers.	Hospital Assistant.	Burkundazes and Peons.		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. Surveyor, 4th grade.
20	1	200	1	16	1,78,000	
170	. . .	450	. . .	. . .		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg., 3rd grade.
35	1	330	1	14	64,300	
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 3rd grade.
19	1	190	1	12	59,600	
30	1	227	1	13	68,300	

Disposition List of Officers of the Survey of India Department,

No. of Party	Locale and nature operations.	Administrative Superintendent D S G	Officers of the Senior and Junior Divisions	Class.	Grade.	Date of appointment to Party.
12	Saugor (Traverse.)	Rev.	E. J. Jackson	D. Sup.	4th	Oct. 29, '86
			J. T. U. Coxen	S.	4th	Oct. 1, 86
			G. T. Hall	A. S.	1st	Nov. 30, 74
			H A Charrier	A. S.	3rd	Oct. 1, 84
	Recess quarters, Saugor					
13	Betul (Traverse)	Rev.	A. D'Souza	A Sup.	1st	Apl. 11, '86
			A. J Gibson	S.	2nd	Nov. 1, 87
			C. W. Wilson	A. S.	1st	Dec. 1, 87
			C. W. F Seyers	A S.	1st	Nov. 1, 85
			T. W. Babonau, Jr.	A. S	2nd	May 1, 87
	Recess quarters, Poona					
14	Hoshungabad (Forest.)	Trig	W H Patterson	A. Sup.	1st	Nov. 11, '85
			L J. Pocock	S	3rd	July 1, 85
			A Christie	S	3rd	Oct. 1, 87
			D Campbell	A S.	1st	Apl 17, 88
			F. E. Warde	A. S	3rd	May 1, 87
	Recess quarters, Poona					
15	Baluchistan I. (Topo)	Topo.	Capt. F. B. Longe, R.E.	D. Sup.	4th	Oct. 1, '86
			T. E M. Claudius	S.	4th	Oct. 1, 83
			E A. Wainright	S	4th	June 10, 85
			W. C. G. Barckley	A. S.	1st	Oct. 1, 85
			A. Kitchen	A. S.	1st	Oct. 1, 83
			Rai Hira Sing Bahadur	A. S.	3rd	Feb 15, 88
	Recess quarters, Mussoorie.					

attached to Field Parties, 1st July 1888—continued.

Subordinate Establishment.					Annual Cost of Party.	Remarks.
Sub-Surveyors and Computers.	Writers.	Flagmen and Carriers.	Hospital Assistant	Burkundazes and Peons.		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg , 3rd grade.
30	1	324	1	11	64,200	
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. Depy. Supdt., 4th grade.
25	1	250	1	8	63,100	
. . .	. . .	. . .	. . .	. . .	. . . .	Offg Depy. Supdt , 4th grade.
17	1	200	1	17	62,200	
6	1	177	1	1	93,200	

Disposition List of Officers of the Survey of India Department,

No. of Party.	Locale and nature of operations.	Administrative Superintendent. D. S. G.	Officers of the Senior and Junior Divisions.	Class	Grade.	Date of appointment to Party.
16	Baluchistan II (Topo.)	Topo.	Capt. R. A. Wahab, R.E.	A. Sup.	1st	Oct. 1, '86
			Lt. R. J. H L. Mackenzie, R.E.	A. Sup.	2nd	Mar. 26, 88
			W W. McNair	S.	3rd	Oct. 1, 86
			E. Graham	A. S.	1st	Oct. 1, 86
			G. P. Tate	A. S.	2nd	Mar. 12, 78
			B. R. Hughes	A. S.	2nd	Oct. 1, 86
	Recess quarters, Mussoorie	. .	. . . . .	. . .	. .	. . . .
17	Gujarat (Topo.)	Topo.	Col. A. Pullan, s.c.	D. Sup.	2nd	Oct. 30, '86
			W. Todd	S.	2nd	Oct. 1, 87
			J. Newland	S.	4th	Sep. 1, 85
			G A. Knight	A. S.	1st	June 19, 85
			S. F. Norman	A. S.	1st	Sep. 1, 74
			C. Norman	A. S.	1st	Oct. 12, 74
			P. J. Serrao	A. S.	2nd	Oct. 1, 84
	Recess quarters, Poona	. .	. . . . .	. . .	. .	. . . .
18	Himalaya (Topo.)	Trig.	Col. H. C. B. Tanner, Bom. s.c.	D. Sup.	2nd	Aug 19, '86
			Lt. J. M. Fleming, s.c.	A. Sup.	2nd	Sep. 21, 86
			C. D. Potter	S.	4th	Nov. 1, 87
			H. T. Kitchen	A. S.	1st	Nov. 1, 87
			W. Robert	A. S.	1st	Sep. 1, 78
			W. A. Fielding	A. S.	1st	Oct. 1, 87
			P. F. Prunty	A. S.	1st	Sep. 1, 86
	Recess quarters, Simla	. .	. . . . .	. . .	. .	. . . .
19	Madras (Topo.)	Topo.	Major J. R. McCullagh, R.E.	D. Sup.	3rd	June 21, '88
			C. F. Hamer	S.	4th	Nov. 1, 87
			A. J. James	S.	4th	Oct. 1, 76
			Hugh Todd	S.	4th	Oct. 1, 76
			R. Todd	A. S.	1st	Oct. 1, 84
			R. W. Senior	A. S.	2nd	Oct. 1, 87
			T. J. J. Mills	A. S.	2nd	Oct. 1, 84
	Recess quarters, Ootacamund.	. .	. . . . .	. . .	. .	. . . .

attached to Field Parties, 1st July 1888—continued.

Subordinate Establishment.					Annual Cost of Party.	Remarks.
Sub-Surveyors and Computers.	Writers.	Flagmen and Carriers.	Hospital Assistant.	Burkundazes and Peons.		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. Depy. Supdt., 4th grade.
7	1	130	1	3	73,700	
29	2	237	1	38	84,900	
. . .	. . .	. . .	. . .	. . .	. . . .	Offg., 1st grade.
...	1	{ 60 } { 60 }	1	6	77,300	
9	1	122	1	80	69,800	

Disposition List of Officers of the Survey of India Department,

No. of Party	Locale and nature of operations.	Administrative Superintendent. D.S G	Officers of the Senior and Junior Divisions.	Class.	Grade.	Date of appointment to Party.
20	Burma (Topo.)	Topo.	Capt. H. M. Jackson, R.E.	A Sup.	1st	May. 19,'88
			J. A. Barker	S.	4th	Dec. 1, 87
			J. H. Wilson	A. S.	1st	Nov. 1, 77
			C. P Torrens	A. S.	1st	Nov. 1, 82
			W. H. Penrose.	A. S.	1st	Apl. 1, 87
	Recess quarters, Rangoon					
21	Upper Burma	Topo.	Bt.-Major J. R Hobday, S C.	D. Sup.	4th	Mar. 20,'86
			Lt T. F. B. Renny Tailyour, R.E.	A Sup.	2nd	Apl. 1, 88
			A. G. Wyatt	S.	3rd	Jan. 1, 87
			F. Kitchen	S.	4th	Oct. 1, 86
			R. A. Gibson	A. S.	1st	Nov. 17, 86
			J. M Kennedy	A. S.	2nd	June 14, 86
	Recess quarters, Rangoon					
	SOUTHERN INDIA.					
22	Astronomical I	Trig.	Lieut. Col. W. J. Heaviside, R.E.	D. Sup.	2nd	Nov. 30, '87
	Recess quarters, Mussoorie					
	SOUTHERN INDIA.					
23	Astronomical II	Trig.	Lieut. Col. G. Strahan, R.E.	D. Sup.	1st	Oct. 1, '87
	Recess quarters, Mussoorie.					

attached to Field Parties, 1st July 1888—continued.

Subordinate Establishment.					Annual Cost of Party	Remarks
Sub-Surveyors and Computers	Writers	Flagmen and Carriers.	Hospital Assistant.	Burkundazes and Peons		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg Depy Supdt., 4th grade.
19	2	330	1	9	1,10,600	
. . .	. . .	. . .	. . .	. . .	. . .	On deputation, Upper Burma
9	1	136	. . .	2	86,700	
1	1	14	...	6	26,000	
...	1	15	.	5	30,400	

Disposition List of Officers of the Survey of India Department,

No. of Party.	Locale and nature of operations.	Administrative Superintendent. D. S. G.	Officers of the Senior and Junior Divisions.	Class.	Grade.	Date of appointment to Party.
	MADRAS.					
24	Coast	Trig.	E. C. Ryall	A. Sup.	1st	Oct. 6, '85
	(Triangulation)		J. Bond	S.	4th	Aug. 1, 86
	Recess quarters, Mussoorie.					
	INDIA, &c.					
25	Tidal and Levelling	Trig.	Major M. W. Rogers, R.E.	D. Sup.	3rd	Apl 10, 88
			J. Eccles, M.A.	A. Sup.	1st	Nov. 1, 87
			G. Belcham	S.	3rd	Sep. 1, 79
			E. J. Connor	S.	4th	Dec. 1, 77
			G. D. Cusson	A. S.	1st	Oct. 1, 87
	Recess quarters, Poona					
	Srinagar (Cadastral)	Rev.	G. B. Scott	A. Sup.	1st	Nov. 28, '87
			W. J. O'Sullivan	S.	3rd	Oct. 1, 87
			E. F. Berkeley	A. S.	2nd	Oct 1, 87
			F. B. Powell	A. S.	3rd	Dec. 20, 87
	Recess quarters, Monghyr		Professional Establishment (Permanent)			
			Cadastral ditto (Temporary)			

attached to Field Parties, 1st July 1888—concluded.

Subordinate Establishment.					Annual Cost of Party.	Remarks.
Sub-Surveyors and Computers.	Writers	Flagmen and Carriers	Hospital Assistant.	Burkundazes and Peons.		
						Offg. Depy. Supdt., 4th grade.
...	1	70	1	9	32,200	
17	1	34	...	10	58,700	
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. Depy. Supdt., 4th grade.
5	1	80	1	5	50,800	
3	1	147	. . .	. . .		

Disposition List of Officers of the Survey of India Department temporarily transferred to other Departments, or on furlough, &c., 1st July 1888.

Officers of the Senior Division.	Officers of the Junior Division.	Class.	Grade.	Province to which transferred.	Remarks.
On Deputation.					
Col. R. G. Woodthorpe, R.E.	. . . .	D. Sup.	4th	. . . .	Employed on special duty in Europe.
Major St. G. C. Gore, R.E.,	. . . .	D. Sup	4th	. . . .	Employed on Mily. duty in Europe.
	T H Dunne	S.	4th	Central Provinces .	On Deputation.
	J. R. Scott .	A. S.	1st	Ditto . .	Ditto.
	G. C Swiney .	A. S.	1st	Ditto . .	Ditto.
	G. E. Parker .	A. S.	1st	Ditto . .	Ditto.
	R. A. Gibson .	A. S.	1st	Upper Burma .	Ditto.
	E. P. S. Hill .	A. S.	1st	Central Provinces .	Ditto.
	P. A. Peters .	A. S.	1st	Straits Settlements.	Ditto.
On Furlough, &c.					
Col. W. F. Badgley, S.C. .	. . . .	D. Sup.	3rd	. . . .	For 1 year, from 29th June 1888.
Major J. Hill, R.E. . .	. . . .	D. Sup.	3rd	. . . .	For 1 year and 5 months, from 18th May 1888.
H. Horst	. . . .	D. Sup	3rd	. . . .	For 18 months, from 1st December 1887.
W. H. Cole, M.A. . .	. . . .	D. Sup.	3rd	. . . .	For 12 months, from 12th January 1888.
Major A. W. Baird, R.E. .	. . . .	D. Sup.	3rd	. . . .	For 1 year 1 month and 28 days, from 11th November 1887, afternoon.
Lt.-Col. J. R. Wilmer, S.C.	. . . .	D. Sup.	3rd	. . . .	For 1 year, from 10th November 1886 Extension for 6 months. Further extension for 6 months
,, R. Beavan, S.C. .	. . . .	D. Sup.	th	. . . .	For 1 year and 182 days, from 8th June 1887.
Lt. W. H. Pollen, R. E. .	. . . .	A. Sup.	1st	. . . .	For 9 months, from 7th June 1887. Extension for 6 months.
	H. E. T Keelan	S.	1st	. . . .	For 1 year, from 1st May 1888.
	W. R. Vyall .	S.	3rd	. . . .	Medical leave for 1 year, from 16th May 1888.
	D. A. King .	S.	4th	. . . .	Medical leave for 1 year, from 20th December 1887.
	J. A. Higgs .	A S.	2nd	. . . .	Medical leave for 9 months, from 7th March 1888.
	C G.S. Wood .	A. S	3rd	. . . .	Extraordinary leave without allowance for 20 months, from 12th May 1886. Extension for 9 months.

GEOLOGICAL SURVEY OF INDIA.

Classified List of Officers of the Geological

Number sanctioned.	Number existing in each grade.	Names of Officers, and name of substantive appointment.	Passed in Vernacular.	Age.	Date of first joining the Department.	Date of promotion to the present grade.
				Y. M. D.		
1	1	William King, B.A., D.Sc., F.G.S., Director, Geological Survey.	. . . . .	54 11 16	Mar. 4, 1857 .	Apl. 27, 1887 .
		1st Grade—R800—50—1,100.				
	1	R. Bruce Foote, F.G.S., Superintendent, Geological Survey.	. . . . .	53 9 9	Sept. 28, 1858 .	June 14, 1881 .
	2	F. R Mallet, F.G.S., F.C.S., Superintendent, Geological Survey.	Oct. 5, 1868 .	47 4 19	Feb. 12, 1859 .	Apl. 11, 1883 .
4	3	Theo. W. H. Hughes, C.E., A.R.S.M., F.G.S., Superintendent, Geological Survey.	Aug. 3, 1868 .	44 10 30	Nov. 11, 1862 .	Apl. 27, 1887 .
		700—50—1,000.				
	4	C. A. Hacket, Deputy Superintendent, Geological Survey.	Oct. 5, 1868 .	54 11 20	Nov. 15, 1861 .	Dec. 28, 1887 .
		2nd Grade—R500—40—700.				
	1	C. L. Griesbach, C.I.E., F.G.S., Deputy Superintendent, Geological Survey.	Sept. 15, 1880 .	40 6 21	Nov. 11, 1878 .	Jan. 25, 1883 .
	2	R. D. Oldham, A.R.S.M., F.G.S., Deputy Superintendent, Geological Survey.	Aug. 1, 1881 .	29 11 2	Dec. 17, 1879 .	Apl. 11, 1883 .
5	3	P. N. Bose, B.Sc., F.G.S., Deputy Superintendent, Geological Survey.	Not required to pass.	33 1 20	July 30, 1880 .	Apl. 1, 1884 .
	4	Tom. D. LaTouche, B.A., Deputy Superintendent, Geological Survey.	June 5, 1882 .	32 8 2	Nov. 29, 1881 .	Apl. 27, 1887 .
	5	Vacant	. . . . .	. . . .	. . . . .	. . . . .
		3rd Grade—R350—30—500.				
	1	C. S. Middlemiss, B.A., Assistant Superintendent, Geological Survey.	Oct. 6, 1884 .	28 7 9	Dec. 29, 1883 .	Dec. 29, 1883 .
	2	E. J. Jones, A.R.S.M., Assistant Superintendent, Geological Survey.	June 2, 1884 .	28 9 26	Dec 29, 1883 .	Dec. 29, 1883 .
6	3	P. Lake, B.A., Assistant Superintendent, Geological Survey.	Not passed .	23 2 22	Sept. 27, 1887 .	Sept 27, 1887 .
	4	P. N. Datta, B.Sc., F.G.S., Assistant Superintendent, Geological Survey.	Not required to pass.	31 3 20	June 25, 1888 .	June 25, 1888 .
	...	Vacant, ditto.	. . . . .	. . . .	. . . . .	. . . . .
	...	Ditto ditto.	. . . . .	. . . .	. . . . .	. . . . .
		Separately graded. *R500 rising to R1,000.*				
1	1	Fritz Noetling, Ph. D., Palæontologist, Geological Survey.	Not passed .	30 11 15	Feb. 17, 1887 .	Feb. 17, 1887 .
		Non-graded Officers.				
	1	W. R. Bion, Registrar, Geological Survey	Not required to pass.	36 0 15	Dec. 12, 1870 .	Dec. 31, 1878 .
	2	*Vacant*, Artist, Geological Survey .	Ditto . . .	. . . .	. . . . .	. . . . .
5	3	Kishen Singh, Sub-Assistant, Geological Survey.	Ditto . . .	38 4 6	Jan. 7, 1874 .	Apl. 1, 1879 .
	4	Hira Lal, Sub-Asst., Geological Survey .	Ditto . . .	36 11 2	Jan. 7, 1874 .	Apl. 1, 1879 .
	5	T. R. Blyth, Museum Assistant, Geological Survey.	Ditto . . .	29 2 7	Mar. 1, 1884 .	Mar. 1, 1884 .

Survey of India on the 1st July 1888.

Period of service counting for pension.	Pay of substantive appointment.	Acting allowances.	Travelling, conveyance and house allowances.	Total pay and allowances.	Where employed at present.	Remarks.
Y M D	₹ a. p	₹ a p	₹ a. p.	₹ a. p		
31 3 28	1,500 0 0	. . . .	. . . . .	1,500 0 0	Head Quarters.	Or on tour.
29 9 3	1,100 0 0	. . . .	60 0 0	1,160 0 0	Bellary	
28 0 22	1,100 0 0	. . . .	60+150 0 0	1,310 0 0	Museum and Laboratory	
24 1 7	1,100 0 0	. . . .	60 0 0	1,160 0 0	Burma.	
26 4 18	1,000 0 0	100 0 0	60 0 0	1,160 0 0		
9 7 20	660 0 0	. . .	30 0 0	690 0 0	On deputation . .	Deputed to Afghanistan.
8 6 15	700 0 0	100 0 0	60 0 0	860 0 0	Himalayas . . .	Offg. as Superintendent, *vice* Mr. Hughes.
7 11 2	620 0 0	80 0 0	30 0 0	730 0 0	Balaghat . . .	Officiating as 1st grade Deputy Supdt., *vice* Mr Hacket
6 7 2	540 0 0	. . . .	30 0 0	570 0 0	On deputation . .	On deputation to Kashmir to examine Sapphire Mines.
. . . .	. . . .	. . . .	. . . . .	. . . .	. . . . .	
4 6 3	470 0 0	30 0 0	30 0 0	530 0 0	Kumaun . . .	Officiating as Deputy Supdt, 2nd grade, *vice* Mr. Griesbach.
4 6 3	470 0 0	30 0 0	150+30 0 0	680 0 0	Bengal . . .	Offg as Deputy Supdt ,2nd grade, *vice* Mr. Oldham, and Acting Curator, *vice* Mr Mallet.
0 9 3	350 0 0	. . . .	None . . .	350 0 0	Malabar	
0 0 6	233 5 4	. . . .	None . . .	233 5 4	Himalayas or Burma.	
. . . .	. . . .	. . . .	. . . . .	. . .	. . . . .	
. . . .	. . . .	. . . .	. . . . .	. . . .	. . . . .	
1 4 12	500 0 0	. . . .	30 0 0	530 0 0	Burma	
13 7 4	400 0 0	. . .	. . . . .	400 0 0	Office.	
. . . .	. . . .	. . . .	. . . . .	. . . .	. . . . .	
13 5 25	200 0 0	. . . .	. . . . .	200 0 0	Chhindwara.	
14 5 25	200 0 0	. . . .	. . . . .	200 0 0	Sirguja	
4 4 0	140 0 0	. . . .	. . . . .	140 0 0	Museum.	

Disposition List of Officers of the Geological

Names of Officers.	Where employed.	Rank and Grade.	Date of first joining the Department.	Strength of Establishment of all Grades						
				Separately graded.	1st Grade.	2nd Grade.	3rd Grade.	Non-graded Officers	Office Establishment. Clerks and Draftsmen.	Office Establishment. Pressmen and Servants.
William King, B.A., D.Sc., F.G.S.	Hd. Quarters	Director, Geol Survey	Mar. 4, 1857	2	4	5	6	5	12	24
1st Grade.										
R. Bruce Foote, F.G.S.	Bellary	Supdt., Geol. Survey.	Sept. 28, 1858	4 first grade Officers.	...	...	...	...	...	...
F. R. Mallet, F.G.S., F.C.S.	On sick leave	Ditto	Feb 12, 1859		...	...	...	...	...	...
Theo. W. H. Hughes, C.E., A.R.S.M., F.G.S.	On deputation.	Ditto	Nov. 11, 1862		...	...	...	...	...	...
C. A. Hacket	Rajputana	Depy. Supdt., Geol. Survey.	Nov 15, 1861		...	...	...	...	...	...
2nd Grade.										
C. L Griesbach, C.I.E., F.G S.	On deputation.	Depy. Supdt., Geol. Survey.	Nov. 11, 1878	5 second grade Officers.	...	...	...	...	...	...
R. D. Oldham, A.R.S.M., F.G.S.	Rajputana	Ditto	Dec. 17, 1879		...	...	...	...	...	...
P. N. Bose, B.Sc., F.G.S.	Jabalpur.	Ditto	July 30, 1880		...	...	...	...	...	...
Tom D. LaTouche, B.A.	On deputation.	Ditto	Nov. 29, 1881		...	...	...	...	...	...
Vacant					...	...	...	...	...	...

Survey of India on the 1st July 1888.

Where employed during last three years.	Annual cost (salary and travelling allowance of Officers and their Subordinates, if any) from April 1887 to March 1888.						Remarks.
		R	a.	p.	R	a.	p.	
1885-86. Chhattisgarh 1886-87. Ditto and Office 1887-88. Office and on tour	Salary and fixed allowance Travelling allowance Hospital Assistant's pay, &c.	18,331 1,647 46	8 9 10	0 3 0	20,025	11	3	
1885-86 Bellary 1886-87. Ditto Mysore and Office 1887-88. Bellary	Salary and fixed allowance. Travelling allowance. Hospital Assistant's pay, &c.	11,123 1,418 321	9 11 11	11 10 0	12,864	0	9	
1885-86. Office and furlough. 1886-87. Ditto and ditto 1887-88 Ditto and ditto.	Salary and fixed allowance				5,154	2	8	On sick leave.
1885 86. South Rewah, furlough, and Hyderabad. 1886-87 Hyderabad. 1887-88. Ditto.								Deputed to Hyderabad to examine the country on behalf of the Hyderabad (Deccan) Company.
1885-86. Rajputana 1886-87. Ditto 1887-88. Ditto.	Salary and fixed allowance Travelling allowance	11,651 1,939	5 12	1 6	13,591	1	7	Offg. as Superintendent, *vice* Mr. Mallet.
1885 86. Afghanistan and Office 1886-87. Office 1887-88. Afghanistan.	Salary and fixed allowance				5,431	10	1	Deputed to Afghanistan.
1885-86. Rajputana 1886-87. Ditto, Himalayas and Alwar 1887-88. Himalayas and Rajputana.	Salary and fixed allowance Travelling allowance	8,585 3,479	2 12	7 3	12,064	14	10	Offg. as Superintendent, *vice* Mr. Hughes.
1885-86. Chhattisgarh 1886-87. Ditto and Jabalpur 1887-88. Jabalpur	Salary and fixed allowance Travelling allowance Hospital Assistant's pay, &c.	7,496 2,369 51	12 9 8	5 0 0	9,917	13	5	Offg. as 1st grade Deputy Supdt., *vice* Mr. Hacket.
1885-86. Assam 1886-87. Ditto and Kashmir 1887-88. Kashmir.	Salary and fixed allowance Travelling allowance	3,133 799	13 8	11 10	3,933	6	9	On deputation to Kashmir to examine Sapphire Mines.

Disposition List of Officers of the Geological

Names of Officers.	Where employed.	Rank and Grade	Date of first joining the Department.	Strength of Establishment of all Grades						
				Separately graded	1st Grade.	2nd Grade	3rd Grade	Non-graded Officers.	Office Establishment: Clerks and Draftsmen	Office Establishment: Pressmen and Servants
3rd Grade.										
C S Middlemiss, B A.	Kumaun	Asst. Supdt, Geol. Survey.	Dec 29 1883	6 third grade Officers	..					.
E. J. Jones, A R S M	Hd. Quarters	Ditto	Dec 29, 1883		..		.		..	.
P Lake, B A	Bellary	Ditto	Sept 27, 1887		..		.	..	...	.
P N. Datta, B Sc, F.G S.	Hd. Quarters	Ditto	June 25, 1888							
Vacant		Ditto								.
Vacant		Ditto.	...			..				
Separately graded.										
F. Noetling, Ph D	Burma	Palæontologist, Geol Survey.	Feb 17, 1887	..		..		...		
Non-graded Officers										
W. E Bion	Office	Registrar, Geol. Survey	Dec 12, 1870	5 non-graded Officers.			...	..		
Vacant		Artist, Geol Survey.	..		..		.	...	...	
Kishen Singh	Chhindwara	Sub Asst, Geol. Survey	Jan 7, 1874		...	..	...	..	...	...
Hira Lal	Sirguja	Ditto	Jan 7, 1874		...		.	...	...	...
T. R, Blyth	Museum	Museum Asst, Geol. Survey	Mar 1, 1884		...	...	...	...	...	...

Survey of India on the 1st July 1888—continued.

Where employed during last three years.	Annual cost (salary and travelling allowance of Officers and their Subordinates, if any) from April 1887 to March 1888.				Remarks.
		R. a. p.	R. a. p.		
1885-86. Kumaun	Salary and fixed allowance .	6,438 1 7			
1886-87. Ditto and Head Quarters .	Travelling allowance . .	1,649 7 6			
1887-88. Ditto			8,087 9 1		Offg. as Depy. Supdt., 2nd grade, *vice* Mr. Griesbach.
1885-86. Chhindwara and Burma .	Salary and fixed allowance .	7,455 0 5			
1886-87. Burma and Head Quarters .	Travelling allowance . .	2,072 13 3			
1887-88. Ditto Ditto . .	Burmese Interpreter's pay, &c.	429 3 2			
			9,957 0 10		Offg. as Deputy Superintendent, 2nd grade, *vice* Mr. Oldham; and Acting Curator, *vice* Mr. Mallet.
1887-88. Bellary	Salary and fixed allowance .	1,903 11 10			
	Travelling allowance . .	894 8 0			
			2,798 3 10		
1888. Head Quarters . . .	. . . . .	. . .	. . .		
. . . . .	. . . . .	. . .	. . .		
. . . . .	. . . . .	. . .	. . .		
1887-88. Head Quarters and Burma .	Salary and fixed allowance .	6,497 6 8			
	Travelling allowance . .	700 4 0			
			7,197 10		
1885-86. Furlough and Office . .					
1886-87. Office	Salary		4,800 0 0		
1887-88. Do.					
. . . . .	. . . . .	. . .	. . .		
1885-86. Furlough, Malwa, and Mandla	Salary . .	2,400 0 0			
1886-87. Mandla and Seoni . .	Travelling allowance . .	464 14 0			
1887-88. Chhindwara	Chaprassi allowance . .	138 13 0			
			3,003 11 10		
1885-86. Chhattisgarh. . . .	Salary . .	2,400 0 0			
1886-87. Ditto	Travelling allowance . .	583 7 3			
1887-88. Ditto and Sirguja . .	Chaprassi allowance . .	126 0 0			
			3,109 7 3		
1885-86. Museum	Salary		1,560 0 0		
1886-87. Ditto					
1887-88. Ditto					

MYSORE REVENUE SURVEY DEPARTMENT.

General List of the Officers of the Mysore Revenue

1	2	3	4	5	6	7
Number sanctioned.	Number existing in each grade.	Names of Officers, and names of substantive appointment.	Passed in the Vernacular.	Age.	Date of first appointment to the Department.	Date of appointment to the present grade.
				Y. M. D.		
1	1	Colonel J. P. Grant, Superintendent . . .	All have passed in the Vernacular.	50 3 0	Nov. 1, 1863	Jan. 15, 1868
1	1	Lieut.-Col. J. Rutherfurd, Depy. Superintendent .		46 5 22	Jan. 25, 1865	April 8, 1881
2	1	Mr. E. H. Butcher, Assistant Settlement Officer .		52 0 2	Oct. 2, 1865	April 1, 1881
	2	Mr. J. P. Barker, Assistant ditto ditto .		40 9 2	Dec. 22, 1866	Nov. 1, 1886

Disposition List of Officers of the Mysore Revenue

1	2	3	4	5	6	7	8	9
Number of party.	Distinguishing letter of Establishment.	Where employed.	Strength of Subordinate Establishment in all grades.					
			Surveyors	English Clerks.	Karkuns.	Learners.	Mappers.	Peons.
1	Supdt.	Mysore Province	13	2	55	8	27	9
2	Depy. Supdt.	Ditto	...	2	6	...	...	4
3	A	Mysore and Bangalore Districts . .	30	...	3	1	...	2
4	D	Mysore District	30	...	3	...	...	2
5	F	Ditto	31	...	3	2	...	2
6	G	. . . . .	...	...	...	...	...	...
7	H	Bangalore District	32	...	3	1	...	2
8	E	Kolar and Mysore Districts . . .	19	...	1	....	...	2
9	M	Kolar District	20	...	1	...	...	2
10	O	. . . . .	...	...	...	...	...	...
		Total .	175	4	75	12	27	25

Survey Department on the 1st July 1888.

8	9	10	11	12	13	14
Period of service counting for pension	Military pay and allowances.	Staff pay	Aggregate pay and allowances.	Civil consolidated salary.	Where employed at present.	Remarks.
Y. M. D.			R a. p.	R a. p.		
	...	..	1,752 14 0	...		
.		. .	1,145 0 0	...		
22 8 29			...	895 0 0	At Bangalore head-quarters.	
18 9 2		...	...	895 0 0	.....	Temporarily transferred to Coorg Survey.

Survey Department on the 1st July 1888.

10	11	12	13	14	15
Annual cost of Party from 1st July 1887 to 30th June 1888	Officer in charge	No. in General List.	Rank and Grade.	Date of assuming charge.	Remarks.
R a. p.					
56,173 12 2	Col. J P. Grant . .	1	Superintendent . .	Nov 1, 1863	
21,411 15 2	Lt -Col. J. Rutherfurd	2	Dy Superintendent .	July 1, 1865	
16,230 12 0	Mr. K. Ramaswamy Iyangar . . .	...	Asst Superintendent .	Nov. 1, 1887	
13,779 7 6	,, D Sham Rao . .	...	Ditto ditto .	Nov. 3, 1885	
14,876 3 11	,, M. S. Narayan Rao	..	Ditto ditto .	Nov. 1, 1883	
9,241 1 4	. . . . .	...	. . . . .	. . .	Has been working in Coorg Survey since 15th Nov 1887.
13,819 8 0	,, T. Abdulkarim .	..	Asst. Conservator .	Nov. 1, 1884	
17,966 10 4	,, E H Butcher .	3	Asst Settlement Officer	Jan 26, 1867	
10,253 0 9	,, D. Appu Rao .	...	Asst. Commissioner .	Aug 1, 1882	
10,478 5 0	. . . . .	...	. . . . .	. . .	Absorbed from 1st Nov 1887.
1,94,230 12 2					

Gradation List of the Covenanted Civilians of the Presidencies of Bengal, Madras, and Bombay, holding Appointments under the Government of India, as it stood on the 1st July 1888.

Presidency attached	No	Name.	Date of arrival in India.	Appointment	Salary per mensem.			Remarks.
		Class I.	1854-55.		R	a.	p	R
B.	1	The Hon'ble H. T. Prinsep .	7th Dec. '55	Judge of the High Court of Judicature at Fort William. (*Furlough, from 30th March to 9th September 1888.*) . . .	4,166	10	8	
B.	2	The Hon'ble Sir Steuart Colvin Bayley, K.C.S.I., C.I.E.	4th Mar. '56	Lieutenant-Governor of Bengal	8,333	5	4	
B.	3	The Hon'ble L. R. Tottenham .	11th July '56	Judge of the High Court of Judicature at Fort William . .	4,166	10	8	
			1855-56.					
B.	4	The Hon'ble W. Macpherson .	30th Nov. '56	Judge of the High Court of Judicature at Fort William . .	3,750	0	0	
H	5	J. G. Cordery, C S I. . . .	22nd Oct. '56	Resident, 1st class, Hyderabad. (*Furlough on medical certificate for 4 months, from 16th March 1888*)				
N	6	F. R Hogg, C S I., K.C I.E . .	12th Feb. '57	Director General of the Post Office of India	3,000	0	0	
N	7	The Hon'ble Sir Charles Alfred Elliott, LL.B , K.C S.I.	30th Nov. '56	Ordinary Member of the Governor General's Council . . .	6,400	0	0	
N.	8	The Hon'ble Sir Auckland Colvin, K C.M.G., C I.E.	27th Jan. '58	Lieutenant-Governor of the North-Western Provinces and Chief Commissioner of Oudh	8,333	0	0	
		Class II.	1857-58.					
N	9	The Hon'ble Sir J. B. Lyall, K C.S I	8th April '58	Lieutenant-Governor of the Punjab and its Dependencies . .	8,333	0	0	
P	10	R T. Burney (*Barrister-at-Law*)	12th Feb. '58	Judge, Chief Court, Punjab	3,500	0	0	
C. P.	11	A. P. Howell, M.A. . . .	27th Jan. '58	Commissioner, Central Provinces, Nerbudda Division (Officiating Resident, 1st class, and Resident at Hyderabad) . . .	2,500	0	0	+1 000 + 1,000
B	12	Sir C. H. T. Crosthwaite, K.C S I.	29th Dec. '57	Chief Commissioner, Burma	5,166	10	8	+500
			1858-59					
A	13	D Fitzpatrick, C.S.I. . .	29th Jan. '59	Chief Commissioner of Assam	4,166	0	0	
			1860.					
P	14	J D. Tremlett, M.A. (*Barrister-at-Law*).	17th Nov. '60	Judge, Chief Court, Punjab	3,500	0	0	

GRADATION LIST OF COVENANTED CIVILIANS HOLDING APPOINTMENTS, &c.—*continued.*

Presidency attached.	No.	Name.	Date of arrival in India.	Appointment.	Salary per mensem.	Remarks.
		Class II—*contd.*	1860.		*R* a. p.	*R*
N.	15	Sir L. H. Griffin, K.C.S.I. . .	17th Nov. '60	Resident and Agent to Governor General in Central India, 1st class. (*Furlough on medical certificate for 1 year, from 15th April 1888.*)		
			1861.			
N.	16	F. Henvey	31st Oct. '61	Resident, 2nd class, and Resident, Eastern States, Rajputana (Jeypore). (Officiating ditto, 1st class, and Agent, Governor General, Central India, Indore	2,000 0 0	+1,333
B.	17	W. E. Ward, M.A., C.S.I. . .	29th Nov. '61	Judl. Commissioner, Burma. (*Furlough for 15 months, from 10th November 1887.*)		
B.	18	The Hon'ble H. Beverley, M.A. .	31st Oct. '61	Judge of the High Court of Judicature at Fort William . .	3,750 0 0	
P.	19	T. W. Smyth, M.A. (*Barrister-at-Law*).	2nd Feb. '62	Judge, Chief Court, Punjab. (*Furlough for 1 year, from 29th April 1887. In extension 6 months.*)		
N.	20	Sir E. C. Buck, Kt. . .	2nd Feb. '62	Secretary to Government of India, Revenue and Agricultural Department	4,166 0 0	
B.	21	The Hon'ble J. O'Kinealy . .	2nd Feb. '62	Judge of the High Court of Judicature at Fort William (President, Board of Examiners, 10th April 1885)	3,750 0 0	
			1862.			
B.	22	The Hon'ble James Westland, C.S.I.	10th Oct. '62	Ordinary Member of the Governor General's Council . .	6,400 0 0	
B.	23	A. Mackenzie, B.A., C.S.I. . .	11th Dec. '62	Chief Commissioner, Central Provinces	4,166 0 0	+500
N.	24	E. F. T. Atkinson, B.A. . .	21st Jan. '63	Accountant General, 1st class, Bengal	2,750 0 0	+250
C. P.	25	C. W. McMinn . . .	21st Jan. '63	Deputy Commissioner, 1st class, Central Provinces, Damoh . .	1,833 0 0	
N.	26	C. E. R. Girdlestone . . .	29th Jan. '63	Resident, 2nd class, in Nepal	2,500 0 0	
P.	27	T. W. Rawlins . . .	11th Jan. '63	Accountant General, 2nd grade, Punjab, and Deputy Commissioner of Paper Currency, Lahore Circle. (*Furlough for 18 months, from 1st May 1887.*)		
N.	28	A. C. Tupp, B.A. . . .	29th Nov. '62	Accountant General, 1st class, North-Western Provinces and Oudh, and Deputy Commissioner of Department of Issue of State Paper Currency, Allahabad Circle. (Officiating ditto, Bombay.) (*Special leave on urgent private affairs for 6 months, from 18th May 1888*)		
			1863.			
B.	29	D. M. Barbour, C.S.I. . . .	20th Dec. '63	Secretary to the Government of India, Department of Finance and Commerce (on special duty to Europe)	4,166 0 0	

C. P	30	J. W. Tawney . . .	20th Dec. '63	Deputy Commissioner, 4th class, Central Provinces, Bhandara (Offg. 2nd class)	1,000 0 0	+444
C. P.	31	R. J. Crosthwaite, B.A. (*Barrister-at-Law*).	30th Oct. '63	Judicial Commissioner, Central Provinces (Nagpur) . . .	3,166 0 0	
			1864.			
C. P.	32	J. W. Neil	24th Nov. '64	Commissioner, Central Provinces, Jubbulpore Division . .	2,500 0 0	+250
B. B	33	F. W. R. Fryer . . .	28th Nov. '64	Financial Commissioner, Burma	3,000 0 0	+250
C. P.	34	F. Venning	24th Nov. '64	Commissioner, Central Provinces. (*On furlough for 1 year from 10th December 1886. In extension to 9th December 1888.*)		
C. P.	35	T. E. Ellison	17th Oct. '64	Deputy Commissioner, 4th class, Central Provinces. (*Furlough for 19 months, from 31st May 1887.*)		
B. B.	36	G. J. S. Hodgkinson, C.S.I. .	25th Nov. '64	Commissioner, Rangoon, Pegu Division, Burma . . .	2,500 0 0	+250
			1865.			
B. B.	37	H. St. G Tucker . . .	3rd Dec. '65	Commissioner, Eastern Division, Upper Burma, Pyinmana . .	2,500 0 0	+250
B.	38	A. P. MacDonnell, C.S I, M A. .	1st Nov. '65	Secretary to the Government of India, Home Department . .	4,000 0 0	
		CLASS III.	1867.			
B. B.	39	J. J. D. LaTouche, B.A. . .	4th Dec. '67	Commissioner, Southern Division, Upper Burma, Minbu . .	2,500 0 0	+250
A.	40	C. J. Lyall, M.A., LL D., C.I.E. .	4th Dec. '67	Secretary to the Chief Commissioner of Assam	2,000 0 0	
B.	41	D. M. Smeaton, M.A. . .	22nd Nov. '67	Commissioner, Upper Burma, Central Division. (Officiating Chief Secretary to Chief Commissioner, Burma) . . .	2,500 0 0	
C. P.	42	L. Neill	30th Oct. '67	Secretary to the Chief Commissioner, Central Provinces (Officiating Commissioner, Nagpur Division)	2,000 0 0	+500 + 250
A	43	H. Luttman-Johnson . .	4th Dec. '67	Judge and Commissioner, Assam Valley Districts, Gauhati . .	2,500 0 0	+250
			1868.			
B	44	T. J. Chichele Plowden . .	31st Oct. '68	Resident, Kashmir	2,500 0 0	
			1869.			
N.	45	E. J. Sinkinson, B.A., LL.B. . .	13th Nov. '69	Accountant General (class III). (Officiating Secretary, Government of India, Department of Finance and Commerce) . .	2,250 0 0	+1,233
N.	46	R. Logan	23rd Oct. '69	Enrolled Officer, Class II. Officiating Accountant General (Class II), Punjab, and Deputy Commissioner, Paper Currency	1,300 0 0	+800
C. P.	47	J. P. Goodridge . . .	25th Oct. '69	Assistant Commissioner, 1st class. (*Furlough for 7 months and 10 days, from 22nd May 1888.*)		
B. B.	48	C. E. Gladstone . . .	13th Nov. '69	Deputy Commissioner, 2nd grade, Burma. (*Furlough for 18 months, from 1st May 1887.*)		

GRADATION LIST OF COVENANTED CIVILIANS HOLDING APPOINTMENTS, &c.—*continued*.

Presidency attached.	No.	Name.	Date of arrival in India.	Appointment.	Salary per mensem.			Remarks.
					R	a.	p.	
		Class III—*contd.*	1870.					
A.	49	P. H. Greaves	19th Jan. '70	Civil and Sessions Judge, Sylhet, and Sessions Judge, Cachar .	2,000	0	0	
N.	50	S. H. James	31st Oct. '70	Secretary to the Government of India, Legislative Department .	2,500	0	0	
B. B.	51	G. D. Burgess	9th Nov. '70	Commissioner (Mandalay), Northern Division, Upper Burma. (*Furlough for 2 years, from 23rd February 1888.*)				
C. P.	52	D. O. Meiklejohn . . .	25th Nov. '70	Judge, Small Cause Court, Jubbulpore. (Offg. Deputy Commissioner, 3rd class, Bilaspur)	800	0	0	+355
B. B.	53	G. L. Weidemann . . .	23rd Nov. '70	Deputy Commissioner, 3rd grade, Burma, Prome. (Officiating Deputy Commissioner, 2nd grade)	1,333	0	0	+333
		Class IV.	1871.					
B.	54	S. Jacob	16th Nov. '71	Enrolled Officer, Financial Department (Class II). (Officiating Accountant General, Class I, Bombay, and Commr. of Paper Currency)	1,400	0	0	+566+250
C. P.	55	F. C. Anderson . . .	31st Oct. '71	Commissioner of Excise, Inspector-General of Registration and Superintendent of Stamps, Central Provinces. (Officiating Secretary to Chief Commissioner)	1,733	0	0	
C. P.	56	A. H. L. Fraser, M.A. (*Barrister-at-Law*).	25th Oct. '71	Junior Secretary to the Chief Commissioner, Central Provinces, and Director of Land Records and Agriculture. (Officiating Commissioner, Chhattisgarh Division)	1,500	0	0	+666+250
N	57	A. U. Fanshawe . . .	28th Oct. '71	Post Master General, Bombay, 2nd grade (Officiating 1st grade) .	1,700	0	0	+150+200
C. P.	58	S. Ismay (*Barrister-at-Law*) .	14th Nov. '71	Assistant Commissioner, 2nd class, Central Provinces (Deputy Commissioner, 4th class, sub. *pro tem.*, Jubbulpore) . .	1,000	0	0	
A	59	H. C. Williams . . .	25th Oct. '71	Deputy Commissioner, 2nd grade, Inspector-General of Jails, Superintendent, Stamps and Registration, and Commissioner of Excise, Assam. (Officiating Deputy Commissioner, 1st grade)	1,666	0	0	+166
			1872.					
A.	60	G. Stevenson	11th Nov. '72	Deputy Commissioner, 2nd grade, Assam, Sylhet. (Offg. 1st grade)	1,666	0	0	+166
B.	61	H. M. Durand, C.S.I. (*Barrister-at-Law*).	3rd March '73	Secretary to the Government of India, Foreign Department.	4,000	0	0	
A.	62	J. K. Wight, B A. . . .	4th Dec. '72	Deputy Commissioner, 2nd grade, Sibsagar, Assam . . .	1,666	10	8	
			1873.					
B.	63	H. M. Kisch, M.A. (*Barrister-at-Law*).	24th Oct. '73	Postmaster-General, Bengal, 1st grade	1,750	0	0	+ 200 (H. R.)

B. B.	64	A. R. Birks, B.A. (*Barrister-at-Law*).	29th Oct. '73	Deputy Commissioner, 3rd grade, Burma, Bassein (Offg. 2nd grade). (*On privilege leave for 3 months*)	1,333 0 0		+ 333
C. P.	65	L. K. Laurie (*Barrister-at-Law*)	27th Oct. '73	Assistant Commissioner, 2nd class, Nagpore (Officiating Commissioner of Excise, &c.) (*On privilege leave for 3 months, from 19th April 1888*)	700 0 0		+ 333
C. P.	66	F. C. Berry, B.A., C.I.E. . .	21st Oct. '73	Political Agent for the Chhattisgarh Feudatories . . .	1,200 0 0*		
A.	67	G. Godfrey	23rd Oct. '73	Deputy Commissioner, 3rd grade, Assam. (*Furlough for 19 months, from 18th March 1887.*)			
B. B.	68	F. S. Copleston . . .	23rd Oct. '73	Deputy Commissioner, 4th grade, Burma (Supernumerary). (*On furlough for 10 months, from 6th April 1888.*)			
H	69	R. Obbard, B.A. . . .	27th Dec. '73	Special Assistant Commissioner, Hyderabad Assigned Districts, Officiating Deputy Commissioner, 3rd class, Ellichpur . .	1,000 0 0		+ 266
			1874.				
N	70	H. S. Barnes	30th Oct. '74	Political Agent, 3rd class, Quetta and Pishin. (*Furlough for 1 year, from 17th April 1887.*)			
C. *I.*	71	F. L. Petre	15th Nov. '74	Political Agent, 3rd class, sub. *pro tem.* (Offg. 1st Asst. to the Governor General's Agent, Central India.) (*Furlough for 1 year, from 1st February 1888.*)			
B.	72	C. M. W. Brett (*Barrister-at-Law*)	30th Nov. '74	Registrar, High Court, Appellate Side	1,700 0 0		
P.	73	R. G. Thomson . . .	13th Nov. '74	Postmaster General, Punjab	1,500 0 0		
A.	74	J. Kennedy	23rd Oct. '74	Deputy Commissioner, 4th grade, Assam, Cachar (Offg. 2nd grade)	1,000 0 0		+ 444
B.	75	D. Norton	24th Nov. '74	Deputy Commissioner, 3rd grade, Burma, Rangoon Town (Supernumerary)	1,333 5 4		
C. P.	76	J. B. Fuller	13th Nov. '75	Commissioner of Settlements and Agriculture, Central Provinces, and Officiating Junior Secretary to Chief Commissioner, Central Provinces. (Pay rises from R1,500 to R2,000) . . .	1,700 0 0		
			1875.				
A.	77	A. J. Primrose . . .	15th Nov. '75	Assistant Commissioner, 1st grade, Assam. (*Special leave for 6 months, from 18th May 1888.*)			
B	78	H. Farrer	15th Nov. '75	Postmaster General, 2nd grade, Madras	1,550 0 0†		
N.	79	J. F. Finlay, M.A. . . .	17th Nov. '75	Under-Secretary, Government of India, Department of Finance and Commerce. (Offg. Accountant General, N.-W. Provinces and Oudh, Class III.) (*Furlough for 20 months, from 6th April 1888.*)			
B. B.	80	E. S. Symes, C.I.E. . . .	23rd Oct. '75	Chief Secretary to the Chief Commissioner, Burma. (*Furlough for 18 months, from 17th April 1887.*)			
B. B.	81	D. L. M. Mackay . . .	8th Nov. '75	Assistant Commissioner, 1st grade, Rangoon Town, Assistant Magistrate, Rangoon Town District, Cantonment . . .	1,000 0 0		+ 100
B. B.	82	T. C. Mitchell, M.A. . . .	13th Nov. '75	Asst. Commissioner, 1st grade, Bassein, Burma	1,000 0 0		
A.	83	J. D. Anderson . . .	15th Nov. '75	Assistant Commissioner, 1st grade, Assam. (*Furlough for 2 years, from 26th May 1887.*)			

* Includes Rs 400 a month paid from the Revenues of the Feudatory States.
† Pay Rs. 1,500, rising to Rs. 1,750 by annual increments of Rs. 50.

GRADATION LIST OF COVENANTED CIVILIANS HOLDING APPOINTMENTS, &c.—*continued.*

Presidency attached.	No.	Name.	Date of arrival in India.	Appointment.	Salary per mensem			Remarks.
		Class IV—*contd.*	1876.		*R*	*a.*	*p.*	*R*
B. B.	84	J. E. Bridges	16th Nov. '76	Deputy Commissioner, 4th grade, Burma. (*On furlough for 2 years, from 20th April 1888*)				
A.	85	R. B. McCabe	30th Nov. '76	Deputy Commissioner, 4th grade, Assam, Darrang (Offg 3rd grade)	1,000	0	0	+ 266
A.	86	F. St. C. Grimwood, M.A.	27th Nov. '76	Assistant Commissioner, 1st grade, Assam, Manipur. (Officiating Deputy Commissioner, 4th grade)	800	0	0	+ 200 + 150 L. allowance.
B. B.	87	A. M. B. Irwin	24th Nov. '76	Deputy Commissioner, 4th grade, Burma, Pegu	1,200	0	0	
		Class V.	1877.					
N.	88	J. P. Hewett	17th Dec. '77	Under-Secretary, Government of India, Home Department	1,300	0	0	
B. B.	89	H. Adamson, M.A.	17th Dec. '77	Deputy Commissioner, 4th grade, Burma (Settlement Officer, 1st grade), Bassein	1,200	0	0	+ 450
B. B.	90	H. T. White	2nd Jan. '78	Secretary to Chief Commissioner, Burma	1,500	0	0	
A.	91	R. T. Greer	10th Dec. '77	Assistant Commissioner, 2nd grade, Assam, South Sylhet (Offg. 1st grade)	700	0	0	+ 100
A.	92	H. Z. Darrah, B.A., LL.B.	24th Oct. '77	Director, Department of Land Records and Agriculture, Assam	1,000	0	0	+ 250 T allowance.
B.	93	O. T. Barrow	3rd Dec. '77	Enrolled Officer, Financial Department, Class III Deputy Accountant General, Bombay. (Officiating Accountant General and Deputy Commissioner of Paper Currency, N. W. P and Oudh)	1,300	0	0	+ 633
B. B.	94	D. J. A. Campbell	24th Nov '77	Deputy Commissioner, 4th grade, Burma, Kyaukse District	1,200	0	0	
			1878.					
N.	95	W. L. King, B.A., LL.B.	27th Nov. '78	Political Agent, 3rd class, sub. *pro tem.* (First Assistant to the Governor General's Agent in Central India)	1,000	0	0	+ 200
N.	96	G. R. Irwin	16th Nov. '78	Junior Under Secretary, Government of India, Foreign Department (sub. *pro tem.*)	1,200	0	0	
C. P.	97	W. Nethersole, B.A. (*Barrister-at-Law*).	11th Nov. '78	Assistant Commissioner, 2nd class, Sambulpur, Central Provinces (*Privilege leave for 3 months, from 5th June 1888*)	700	0	0	
B. B.	98	W. T. Hall B.A., LL.D.	5th Dec. '78	Director of Land Records and Agriculture, Burma	1,250	0	0	

			1879.						
A	99	A. Porteous	16th Jan. '79	Assistant Commissioner, 2nd grade, Kohima, Naga Hills (Officiating Deputy Commissioner, 4th grade)	700	0	0	+ 200
A.	100	J. C. Arbuthnot	21st Dec. '79	Assistant Commissioner, 2nd grade, North Lakhimpore (Officiating 1st grade)	700	0	0	+ 100
A.	101	R. S. Greenshields	9th Dec. '79	Assistant Secretary to Chief Commissioner, Assam	700	0	0	
B.	102	Kavasjee Jamasjee Badshah	12th Nov. '79	Postmaster General, North-Western Provinces and Oudh (2nd grade)	1,200	0	0*	
B. B.	103	G. W. Shaw	20th Dec. '79	Deputy Commissioner, 4th grade, Bhamo	1,200	0	0	
B. B.	104	H. L. Eales	30th Oct. '79	Deputy Commissioner, 4th grade, Burma. (*On furlough for 1 year and 6 months, from 17th February 1888.*)				
N.	105	W. R. Lawrence	5th Dec. '79	Under-Secretary, Government of India, Department of Revenue and Agriculture	1,300	0	0	
C. P.	106	H. H. Priest	3rd Dec. '79	Assistant Commissioner, 3rd class (Officiating Deputy Commissioner, 4th class, Sambalpur)	600	0	0	+ 266
A.	107	R. B. Pope	1st Nov. '79	Assistant Commissioner, 2nd grade. (*Fulough for 19 months, from 28th April 1888.*)				
			1880.						
A.	108	P. G. Melitus	14th Dec. '80	Assistant Commissioner, 2nd grade (Officiating 1st grade), Jorhat	700	0	0	+ 100
C. P.	109	F. A. Theodore Phillips	11th Nov. '80	Assistant Commissioner, 3rd class, Nimar, Central Provinces (Officiating Deputy Commissioner, 4th class)	600	0	0	+ 266
B B.	110	C. G. Bayne	27th Dec. '80	Under-Secretary to Chief Commissioner, Burma	1,000	0	0	
			1881.						
C. P.	111	A. C. Duff	2nd Jan. '82	Assistant Commissioner, 3rd class, Central Provinces. (Officiating Commissioner of Excise)	600	0	0	+400
B.	112	J. C. E. Branson	16th Jan. '82	Assistant Accountant General, Madras (Officiating Enrolled Officer, Class IV)	500	0	0	+ 333
A.	113	A. F. Steinberg	30th Dec. '81	Assistant Commissioner, 2nd grade, Assam, Dibrugarh (Officiating 1st grade)	700	0	0	+ 100
			1882.						
B. B.	114	F. C. Gates	18th Dec. '82	Under-Secretary to Chief Commissioner, Burma. (*On privilege leave for 3 months, from 14th June 1888*)	1,000	0	0	
C. P.	115	L. S. Carey	14th Dec. '82	Assistant Commissioner, 3rd class, Raipur, Central Provinces, Settlement Officer, 2nd grade	600	0	0	+400
B. B.	116	W. G. L. Rice	10th Nov. '82	Assistant Commissioner, 2nd grade, Burma, Taungdwingyi (Officiating Deputy Commissioner, 4th grade). (*On privilege leave for 1 month and 15 days*)	700	0	0	+333

Rs. 1,100 rising to Rs. 1,750.

GRADATION LIST OF COVENANTED CIVILIANS HOLDING APPOINTMENTS, &c.—*continued.*

Presidency attached.	No	Name.	Date of arrival in India.	Appointment.	Salary per mensem.	Remarks.
		Class V—*contd.*	1882.		R a. p.	R
B B	117	A. E. Hurry, B.A.	25th Oct. '82	Assistant Commissioner, 2nd grade (Officiating Deputy Commissioner, 4th grade). (*On privilege leave for 3 months, from 23rd April 1888*)		
A.	118	A. W. Davis	14th Dec. '82	Assistant Commissioner, 3rd grade, Naga Hills, Kohima (Officiating ditto, 1st grade)	700 0 0	+333
B. B.	119	A. S. Fleming	13th Dec. '82	Assistant Commissioner, 2nd grade, Burma (Officiating Under-Secretary to Chief Commissioner)	500 0 0	+200+100 allowance.
B. B.	120	H. P. Todd-Naylor	14th Dec. '82	Assistant Commissioner, 3rd grade, Burma (Officiating Deputy Commissioner, 4th grade, Tharrawaddy)	700 0 0	+200
C. P.	121	M. W. Fox Strangways	26th Nov. '82	Assistant Commissioner, 3rd class, Jubbulpur (Settlement Officer, 3rd grade)	700 0 0	+333
C. P.	122	A L. Saunders	27th Nov. '82	Under-Secretary to Chief Commissioner, Central Provinces	600 0 0	+200
C. P	123	A. S. Womack	5th Dec. '82	Supernumerary Assistant Commissioner, Central Provinces, Raipur (Officiating Deputy Commissioner, 4th class)	800 0 0	
			1883		500 0 0	+333
C. P.	124	T. C. Wilson	26th Nov. '83	Supernumerary Assistant Commissioner, Damoh (Assistant Settlement Officer, 3rd class)	500 0	+200+100
B. B.	125	H. S. Hartnoll	22nd Nov. '83	Assistant Commissioner, 2nd grade, Burma. (Officiating ditto, 1st grade, Minbu	700 0 0	+200
A.	126	W. Tennon	24th Dec. '83	Assistant Commissioner, 3rd grade, Assam, Hailakandi (Officiating ditto, 2nd grade)	500 0 0	+200
B. B.	127	A. T. A. Shaw	13th Dec. '83	Assistant Commissioner, 3rd grade, Pyinmana. (Officiating 1st grade)	600 0 0	+266
			1884.			
A.	128	P. C. Lyon	1st Jan. '84	Assistant Commissioner, 3rd grade, Assam, Sibsagar (Golaghat). (Officiating 2nd grade)	500 0 0	+200
B. B	129	N. G. Cholmeley, B A.	22nd Dec. '84	Assistant Commissioner, 3rd grade, Yamethin (Officiating 1st grade)	600 0 0	+266
C. P.	130	R. H. Craddock	1st Dec. '84	Supernumerary Assistant Commissioner, Central Provinces, Balaghat (Officiating Deputy Commissioner, 4th class)	500 0 0	+333
A.	131	E. A. Gait	11th Dec. '84	Assistant Commissioner, 3rd grade, Assam, Mangaldai (Officiating 2nd grade)	500 0 0	+200
B. B.	132	D. H. R. Twomey	22nd Dec. '84	Assistant Commissioner, 3rd grade, Tavoy (Officiating 1st grade)	600 0 0	+266

C. P.	133	H. A. Crump	10th Nov. '85	Supernumerary Assistant Commissioner, Central Provinces Jubbulpur (Officiating Assistant Commissioner, 2nd class)	500 0 0		+200
B.	134	H. R. H. Coxe	1st Nov. '84	Assistant Commissioner, 4th grade, Burma (On special duty in Rangoon)	500 0 0		
			1885.				
A	135	G. Gordon	4th Dec. '85	Assistant Commissioner, 3rd grade, Assam, Kamrup (Officiating 2nd grade)	500 0 0		+200
B. B	136	C. B. Brind	13th Dec. '84	Assistant Commissioner, Burma, 3rd grade, Tantabin	600 0 0		
C. P.	137	J. A. C Skinner	28th Oct. '85	Supernumerary Assistant Commissioner, Nagpur (Officiating Registrar, Judicial Commissioner's Court)	500 0 0		+300
C. P.	138	H. V. Drake-Brockman, B.A., LL B.	10th Dec. '86	Supernumerary Assistant Commissioner, Central Provinces, Saugor	450 0 0		
B. B.	139	D. Wilson, M A.	4th Feb. '86	Assistant Commissioner, 4th grade, Burma, Thaton (Officiating 2nd grade)	500 0 0		200
A	140	W. H. Cossins	20th Jan. '86	Assistant Commissioner, 3rd grade, Assam, Sylhet (Karimganj) (Officiating 2nd grade)	500 0 0		+200
B. B.	141	A. Thomson	21st Dec. '85	Assistant Commissioner, 4th grade. (*On leave on urgent private affairs for 6 months, from 26th April 1888.*)			
			1886.				
A.	142	H. LeMesurier	9th Nov. '86	Assistant Commissioner, 3rd grade, Sylhet (Assam)	450 0 0		
B. B.	143	E. C. S. George	7th Mar. '87	Assistant Commissioner, 4th grade, Burma, Pyawli	475 0 0		
			1887.				
C P.	144	H. M. Laurie, B.A., (*Barrister-at-Law.*)	3rd Dec. '87	Assistant Commissioner, 4th class, Nagpur, Central Provinces	400 0 0		
C. P.	145	H. O'Beirne	10th Dec. '87	Assistant Commissioner, 4th class Jubbulpur, Ditto	400 0 0		
B. B.	146	C. C. Lowis	9th Jan. '88	Assistant Commissioner, 4th grade, Burma, Rangoon (on special duty)	450 0 0		
C. P.	147	C. W. Edmonstone Montgomerie	7th Dec. '87	Assistant Commissioner, 4th class, Centl. Provinces, Hoshangabad	400 0 0		
C. P.	148	F. G. Sly	16th Dec. '87	Assistant Commissioner, 4th class, Centl. Provinces, Sumbalpore	400 0 0		
C. P.	149	C. R. Cleveland	5th Dec. '87	Assistant Commissioner, 4th class, Centl. Provinces, Raipur	400 0 0		
A.	150	F. C. Henniker,	6th Dec. '87	Assistant Commissioner, 3rd grade, Assam, Sibsagar	400 0 0		
			MADRAS.				
	1	The Hon'ble W. S. Whiteside	29th Dec. '55	Additional Member of the Council of the Governor General for making Laws and Regulations	2,500 0 0		+700+616-10-8
	2	H. F. Clogstoun	25th Nov. '64	Accountant-General and Commissioner of the Department of Issue of State Paper Currency, Madras, 2nd class. (*On furlough to Europe for 18 months, from 19th April 1888.*)			
	3	G. S. Forbes, M.A.	16th Oct. '72	Political Agent, 2nd class, and First Assistant and Secretary for Berar to the Resident at Hyderabad	1,050 0 0		+150+250
	4	A. H. T. Martindale	10th Nov. '75	Political Agent, 3rd class Political Agent, Quetta and Pishin.	1,000 0 0		+180
	5	C. J. Weir	17th Nov. '79	Enrolled officer, Class IV of Financial Department, Officiating II Class. (*On privilege leave for 1 month, from 7th June 1888*).	800 0 0		+300

GRADATION LIST OF COVENANTED CIVILIANS HOLDING APPOINTMENTS, &c.—*concluded.*

Presidency attached	No.	Name.	Date of arrival in India.	Appointment.	Salary per mensem.	Remarks.
			MADRAS.		*R* *a.* *p.*	*R*
	6	J Hewetson	13th Dec. '80	Assistant Commissioner, 2nd grade (Officiating, 1st grade, Kyauk-pyu, Burma)	700 0 0	+100
	7	B. Houghton	23rd Jan. '85	Assistant Commissioner, 2nd grade, Sandoway (Supernumerary), (Officiating Deputy Commissioner, 4th grade) . . .	700 0 0	+333
			BOMBAY.			
	1	A. D. Carey	9th Nov. '65	Commissioner, Northern India Salt Revenue, Agra . . .	2,500 0 0	+250 travelling allowance.
	2	A. Wingate, C.I.E. . . .	8th Nov. '69	Settlement Officer, Kashmir	1,728 0 0	+150
	3	J. R. FitzGerald . . .	5th Nov. '70	Political Agent, 3rd class. (Officiating First Assistant and Secretary for Berar to the Resident at Hyderabad. Political Agent, 2nd class)	800 0 0	+200
	4	W. J. Cuningham . . .	21st Nov. '70	Under-Secretary to the Government of India, Foreign Department, *Pro tem.*	1,500 0 0	
	5	J. A. Crawford . . .	17th Sept. '78	Junior Under-Secretary, Government of India, Foreign Department	1,200 0 0	
	6	R A. Lamb	21st Oct. '79	Deputy Commissioner, 4th grade, Ye-u (Supernumerary) . .	1,200 0 0	
	7	W. T. Morison . . .	2nd Dec. '81	Assistant Commissioner, 1st grade, Mongwa, Lower Chindwin (Supernumerary Deputy Commissioner)	1,000 0 0	+200
	8	A. L. P. Tucker . . .	28th Dec. '82	Political Assistant of the 1st class, second Assistant to the Resident at Hyderabad and Assistant Secretary for Berar, Superintendent, Residency Bazars	800 0 0	+250
				Officers officiating to fill vacancies and on deputation under the Government of India.		
P.	1	The Hon'ble G. R. Elsmie (*Barrister at-Law*).	21st Feb. '58	Additional Member, Governor General's Council . . .	3,000 0 0	+500
B.	2	C. A. Roe, B.A. . . .	22nd Nov. '63	Officiating Judge, Chief Court, Punjab	2,500 0 0	+1,000
	3	J Frizelle	20th Dec. '63	Officiating Judge, Chief Court, Punjab	2,250 0 0	+1,250
B.	4	The Hon'ble R. F. Rampini (*Barrister-at-Law*), M.A.	29th Nov. '64	Officiating Judge, High Court of Judicature at Fort William .	2,500 0 0	+1,250
B.	5	The Hon'ble H W. Gordon, B.A.	12th Nov. '64	Officiating Judge, High Court of Judicature at Fort William .	2,500 0 0	+1,250
N.	6	W. F. Meres, B.A. . .	29th Nov. '64	Officiating Judicial Commissioner, Burma	2,000 0 0	+586
B.	7	C. S Bayley (*Barrister-at-Law*) .	31st Dec. '77	Officiating Political Agent, 3rd class, Bikaneer (temporary Class I)	1,500 0 0	+500
B.	8	L. P. Shirres, B.A. . .	18th Dec. '82	Officiating Under Secretary to the Government of India, Department of Finance and Commerce	1,000 0 0	+260

N.B.—"A." stands for Assam, "B." for Bengal, "B. B." for Burma, "C P." for Central Provinces, "H." for Hyderabad, "N." for North-Western Provinces, "P." for Punjab.

History of Services of Gazetted Officers (whose names do not appear in lists published by any of the Local Governments) serving under the Government of India, in the Home, Legislative, and Revenue and Agricultural Departments, corrected to 1st July 1888.

HOME DEPARTMENT.

ANTHONY PATRICK MACDONNELL, M.A., C.S.I.—Arrived, 3rd November 1865; Junior Civil Servant, 3rd November 1865; passed in one language, 1st February 1866; qualified for the public service, 2nd July 1866; Assistant Magistrate and Collector, Monghyr, 1st August 1866; passed the lower standard, 1st June 1868. Assistant Magistrate and Collector, Nuddea, 3rd June 1868; passed the higher standard in October 1868; Assistant Commissioner, Hazaribagh, 11th December 1868; Assistant Magistrate and Collector, Pubna, 9th July 1869; Officiating Joint Magistrate and Deputy Collector, 2nd grade, 31st August 1869; Assistant Magistrate and Collector, Pubna, 9th December 1869; Officiating Joint Magistrate and Deputy Collector, 2nd grade, 1st April 1870; Officiating Joint Magistrate and Deputy Collector, 1st grade, Mymensing, 14th April 1870; Officiating Magistrate and Collector, Mymensing, 25th April 1870; Officiating Joint Magistrate and Deputy Collector, Mymensing, 1st grade, 2nd May 1870; Assistant Magistrate and Collector, Mymensing, continuing to officiate as Joint Magistrate and Deputy Collector, 1st grade, 30th June 1871; furlough, from 5th July 1872 to 18th October 1873; Assistant Magistrate and Collector of Tirhoot, 30th October 1873; Officiating Joint Magistrate and Deputy Collector, 1st grade, 1st November 1873; Joint Magistrate and Deputy Collector, 2nd grade, continuing to act in the 1st grade, 1st September 1874; Officiating Magistrate and Collector, 3rd grade, Durbhunga, 11th January 1875; on special duty in the Bengal Secretariat, 25th May 1875; Officiating Magistrate and Collector, Durbhunga, 9th March 1876; Joint Magistrate and Deputy Collector, 1st grade, continuing to officiate as Magistrate and Collector of the 3rd grade, Durbhunga, 11th August 1876; Officiating Magistrate and Collector, 2nd grade, 30th August 1877; furlough, from 15th May 1878 to 3rd November 1879; Officiating Magistrate and Collector, 3rd grade, Sarun, 13th November 1879; Officiating Magistrate and Collector, 2nd grade, 14th February 1880; Officiating Magistrate and Collector, 3rd grade, 18th November 1880. Services placed at the disposal of the Government of India, in the Department of Finance and Commerce, 10th May 1881; Officiating Accountant General, Bengal, 20th May 1881; services replaced at the disposal of the Government of Bengal, 31st August 1881; Officiating Secretary to the Government of Bengal, Revenue and General Departments, 1st September 1881; services placed at the disposal of the Government of India, in the Department of Finance and Commerce, 6th January 1882; Officiating Accountant General, Bengal, 4th January 1882. Services replaced at the disposal of the Government of Bengal, 26th April 1882; Officiating Secretary, Government of Bengal, General and Revenue Departments, 27th April 1882; privilege leave for three weeks, from 10th March 1884; Magistrate and Collector, 3rd grade, but will continue to act as Secretary to the Government of Bengal, Revenue and General Departments, 25th May 1884; Secretary, Government of Bengal, General and Revenue Departments, 29th July 1884; Member of the Lieutenant-Governor's Council, and Secretary, Government of Bengal, General and Revenue Departments, 13th October 1884; privilege leave for three months, from 13th July 1885; Officiating Secretary, Government of India, Home Department, 5th March 1886; confirmed as Secretary, Home Department, 24th March 1887. Privilege leave for two months and 13 days, from 11th January 1888.

JOHN PRESCOTT HEWETT.—Joined the service, 29th August 1877; arrived in India, 17th December 1877; attached to North-Western Provinces, 26th October 1877; posted as an Assistant Magistrate and Collector to Agra, and invested with the powers of a Magistrate of the 3rd class, and with those of an Assistant Collector, 2nd class, 20th December 1877; invested with the powers of a Magistrate of the 2nd class, and with those of an Assistant Collector, 1st class, 10th May 1878; passed the Departmental examination by the higher standard in all subjects, 3rd January 1879; invested with the powers of a Magistrate of the 1st class, 20th January 1879; transferred to Bulandshahr, 29th July 1879; transferred to Agra, 15th November 1879; privilege leave from 8th August to 13th September 1880; transferred to Muttra, 16th October 1880;

retransferred to Agra, 23rd November 1880; privilege leave from 9th May to 17th July 1880; transferred as Assistant Commissioner of Tarai, 1st December 1881; examination leave, from 1st to 4th April 1882; appointed to act as Additional Assistant Commissioner at Naini Tal, in addition to his other duties, from 8th May 1882; held charge of Naini Tal in addition to his own duties, during the absence on leave of Mr. Casey, from 5th June to 3rd September 1883; appointed in the meanwhile to the charge of the Provincial Gazetteer, North-Western Provinces and Oudh, in addition to his other duties, 7th August 1883; Assistant Commissioner, Fyzabad, 3rd February 1884; Junior Secretary, Board of Revenue, North-Western Provinces and Oudh, 11th April 1884; privilege leave for three months, from 1st April 1885; Officiating Under-Secretary, Government of India, Home Department, 27th October 1886, confirmed as Under-Secretary, Home Department, 20th August 1887. Privilege leave for one month, from 9th April 1888.

HOME—MEDICAL DEPARTMENT.

SURGEON-GENERAL SIR BENJAMIN SIMPSON, B.A., M.D., K.C.I.E., *Indian Medical Department.*

	Dates of Commission.	
Assistant Surgeon	20th October	1853.
Surgeon	26th September	1864.
Surgeon-Major	1st July	1873.
Brigade-Surgeon	27th November	1879.
Deputy Surgeon-General	31st March	1882.
Surgeon-General	29th March	1885.

Appointments.—Regimental duty with Artillery Recruits, 10th Bengal Cavalry, and 39th, 70th and 68th Native Infantry, 1853 to 1856; Civil Surgeon, 24-Pergunnahs, Darjeeling and Patna, 1860 to 1881; Deputy Surgeon-General, Southern Afghanistan Field Force and Quetta Division, 1881; Civil Surgeon of Patna, 10th December 1881 to 31st March 1882; Deputy Surgeon-General and Sanitary Commissioner, Central Provinces, Nagpur, 3rd April 1882 to 3rd April 1883; Officiating Surgeon-General, Bengal, 9th April 1883 to 20th August 1883; Surgeon-General, Punjab, 29th August 1883 to 25th October 1884; Surgeon-General, Bengal, 26th October 1884 to 28th March 1885; Sanitary Commissioner with the Government of India, 29th March 1885 to date; furlough, medical certificate, 183 days, from 20th April 1888.

War Services.—Bhutan Campaign, 1865; in Medical charge, Runjeet and Teesta outposts.—(Frontier medal and clasp.)

DY. SURGEON-GENERAL W. WALKER, M.A., M.D., LL.D., F.R.C.S., E.D., *Indian Medical Department.*

	Dates of Commission.	
Assistant Surgeon	4th August	1855
Surgeon	4th August	1867
Surgeon-Major	1st July	1873
Brigade Surgeon	27th November	1879
Deputy Surgeon-General	24th October	1882

Appointments.—General duty, Presidency General Hospital, 12th December to 30th December 1855; regimental duty, 30th December 1855 to 1st October 1857; Superintendent, Agra Central Prison, 12th March 1858 to 1st February 1862; Superintendent, Government Press, and Curator, Government Books, 11th February 1862 to 21st March 1863; Officiating Inspector-General of Prisons, North-Western Provinces, 22nd March 1863 to 7th December 1864; Superintendent, Government Press, and Curator, Government Books, and Chemical Examiner, North-Western Provinces, Oudh and Central Provinces, 9th December 1864 to 8th May 1868; Officiating Inspector-General of Prisons, 9th May 1868 to 9th August 1868; Superintendent, Government Press, and Chemical Examiner, 10th August 1868 to 30th November 1871; Inspector-General of Prisons and Dispensaries, North-Western Provinces, 1st December 1871 to 21st October 1882; Inspector-General of Civil Hospitals, North-Western Provinces and Oudh, 22nd October 1882 to 22nd October 1887; unemployed, 22nd October 1887 to 19th April 1888; Officiating Surgeon-General and Sanitary Commissioner with the Government of India, 20th April 1888 to date.

War Services.—Mutiny 1857; Affairs at Sussia and Agra.—Medal.

Author of "Epidemic Fever," North-Western Provinces, 1860-61.

SURGEON-MAJOR ARTHUR BARCLAY, M.B., *Indian Medical Department.*

	Dates of Commission.	
Surgeon	30th September	1874.
Surgeon-Major	30th September	1886.

Appointments.—Candidate, Army Medical School, 30th September 1874 to 9th February 1875; awaiting orders and *en route* to Calcutta, 10th February 1875 to 28th March 1875; Presidency General Hospital, Calcutta, 29th March 1875 to 23rd May 1875; Regimental duty with Bengal Sappers and Miners, 5th, 8th and 9th Regiments, Native Infantry, 1st and 2nd Regiments, Central India Horse, 45th, 29th Regiments, Native Infantry, and 6th B.C., 24th May 1875 to 1st February 1880; Civil Medical charge, Deoli (temporary), 2nd February 1880 to 12th May 1880; Officiating Medical charge, 6th Regiment, Bengal Cavalry, 13th May 1880 to 5th November 1880; at the disposal of Bengal Government, 6th November to 19th November 1880; Officiating Civil Surgeon, Jessore, 20th November 1880 to 9th August 1881; Officiating 2nd Resident Surgeon, Presidency General Hospital, 10th August 1881 to 2nd March 1882; 2nd Resident Surgeon, Presidency General Hospital, 3rd March 1882 to 15th March 1882; Officiating Professor of Physiology, Calcutta Medical College, 16th March 1882 to 28th March 1883; Officiating

Secretary to Surgeon-General with the Government of India, 1st April 1883; Secretary to Surgeon-General with the Government of India, 1st April 1885; furlough, medical certificate, 1 year, from 22nd January 1888.

War Services.—Afghan War, 1879-80.—Capture of Ali Musjid.—Medal with clasp.

SURGEON-MAJOR G. BOMFORD, M.D., LOND., *Indian Medical Department.*

Dates of Commission.

Surgeon	30th September 1874.
Surgeon-Major	30th September 1886.

Appointments.—General duty, Presidency General Hospital, 10th May 1875 to 26th July 1875; Officiating Resident Surgeon, Medical College Hospital, 27th July 1875 to 5th September 1875; General duty, Presidency General Hospital, 6th September 1875 to 5th October 1875; Officiating Professor of Pathology and Resident Physician, Medical College, Calcutta, 6th October 1875 to 21st November 1875; Doing duty, 1st Goorkha Light Infantry, 22nd November 1875 to 31st March 1876; General duty, Presidency General Hospital, 1st to 9th April 1876; Officiating Resident Surgeon, Medical College Hospital, Calcutta, 11th April to 17th May 1876; General duty, Presidency General Hospital, 18th May to 30th June 1876; Regimental duty (39th Native Infantry), 1st July 1876 to 19th February 1877; Famine duty, Madras, 20th February 1877 to 18th October 1878; in joint medical charge of Simla, 18th October 1878 to 30th November 1880; Garrison Surgeon, Fort William, 1st December 1880 to 15th April 1886; Medical charge 2-2nd Goorkhas, 16th April to 31st May 1886; Officiating Professor of Physiology, Calcutta Medical College, 1st June to 18th July 1886; Professor of Physiology, Medical College and 2nd Resident Surgeon, sub. *pro. tem.*, General Hospital, Calcutta, 19th July to 16th August, 1886; 2nd Resident Surgeon, Presidency General Hospital, 17th August 1886 to 19th May 1887. Officiating Professor of Physiology, Calcutta Medical College, 20th May 1887 to 21st January 1888; Officiating Secretary to Surgeon-General and Sanitary Commissioner with the Government of India, 22nd January 1888 to date.

War Services.—Perak, 1875-76.

SURGEON-MAJOR DAVID WILKIE, M.B., *Indian Medical Department.*

Dates of Commission.

Surgeon	1st April 1873.
Surgeon-Major	1st April 1885.

Appointments.—Candidate, Army Medical School, Netley, 1st April 1873 to 31st July 1873; awaiting orders and *en route* to Bombay, 1st August to 9th November 1873; *en route* Bombay to Calcutta, 10th November to 10th March 1873; Presidency General Hospital, Calcutta, 18th November 1873 to 2nd January 1874; Andaman Islands with convicts, 3rd January 1874 to 6th February 1874; Presidency General Hospital, Calcutta, 7th February 1874 to 8th March 1874; proceeded to Mozaffarpore for duty in connection with famine, 9th March 1874 to 21st March 1875; Officiating Junior Civil Surgeon, Allahabad, 22nd March 1875 to 20th March 1876; Junior Civil Surgeon, Allahabad, 21st March 1876 to 11th February 1877; Officiating Superintendent, Central and District Jails, Benares, 12th February 1877 to 20th April 1877; Officiating Superintendent, Central Jail, Allahabad, 21st April 1877 to 14th October 1877; Officiating Superintendent, Central and District Jails, Benares, Agra, and Bareilly, 8th April 1878 to 7th November 1879; Civil Medical charge, Almorah, 18th November 1879 to 23rd April 1880; Superintendent, Central and District Jails, Benares and Bareilly, 24th April 1880 to 13th October 1880; Superintendent, Central Prison, Allahabad, 14th October 1880 to 15th January 1881; Officiating Civil Surgeon, Lalitpur, 25th January 1881 to 21st February 1881; Officiating Superintendent, Central Prison, Bareilly, 7th March 1881 to 31st December 1881; Superintendent of Jails, Bareilly, 1st January 1882 to 5th February 1882; Superintendent of Jails, Fatehgarh, Bareilly, and Agra, 4th April 1882 to 31st December 1882; Superintendent of Central Prisons, Agra and Bareilly, from 1st January 1883 to 14th May 1886; Officiating Statistical Officer to the Government of India in the Medical and Sanitary Department, from 15th May 1886 to 13th November 1886; confirmed in the appointment, 14th November 1886. Furlough, private affairs, 1 year, from 4th April 1888.

War Services.—Nil.

SURGEON-MAJOR WILLIAM NAPIER KEEFER, *Indian Medical Department.*

Dates of Commission.

Surgeon	1st October 1869.
Surgeon-Major	1st October 1881.

Appointments.—Doing duty, Presidency General Hospital, Calcutta, 27th April 1870 to 13th June 1870; Calcutta to Peshawar, 13th June 1870 to 3rd July 1870; Regimental duty with Doabu

Outposts, 16th Bengal Cavalry, Wing 22nd Punjab Infantry, 42nd Native Infantry, and Coolie Corps at Looshai Campaign, 4th July 1870 to 7th April 1872; at General Hospital awaiting orders, 7th April 1872 to 27th April 1872; Regimental duty with 8th and Wing, 10th Native Infantry, 20th Punjab Infantry, and in medical charge, Lock Hospital and detachment, 8th Bengal Cavalry and Station Staff, and 20th Punjab Infantry, 27th April 1872 to 22nd August 1880; in Medical charge, Coolie Corps, Duffla Campaign, 24th October 1874 to 11th March 1875; in Medical charge, 20th Punjab Infantry, 11th March 1875 to 20th July 1875; furlough, medical certificate, 30th July 1875 to 29th October 1877; Regimental duty with 20th Punjab Infantry, Zowaki Campaign, 22nd November 1877 to 25th January 1878; Officiating Civil charge, Peshawar, 17th May 1878 to 17th October 1878; Regimental duty with 20th Punjab Infantry and Native Base Hospital, Afghan War, 1878-79 and 1880, and 13th Bengal Lancers, 20th November 1878 to 1st April 1881; Lawrence Military Asylum, Sanawar, 11th April 1881 to 19th July 1882; Regimental duty with 13th Bengal Lancers, 20th July 1882 to 7th April 1884; Senior Medical Officer at Port Blair and the Nicobars, 7th April 1884 to 31st December 1885; furlough, medical certificate, one year, 20th February 1887, extended, medical certificate, 6 months.

War Services—

Looshai Expedition, 1871-72.—Medal with clasp.

Duffla Expedition, 1874-75.—Despatches, G. G. O., 375 of 1875.

Zowaki Expedition, 1877-78.—Clasp.

Afghan War, 1878-79-80.—Capture of Ali Musjid, Lughman Valley Expedition, Zaimukht Expedition; Capture of Zawa.—Medal with clasp.

Egyptian Expedition, 1882.—Actions of Kassassin and Tel-el-Kebir.—Medal with clasp; Bronze Star, 4th Class of Osmanieh.

SURGEON-MAJOR G. HUTCHESON, M.D., C.M., I. M. S.

Dates of Commission.

Assistant Surgeon	1st October 1868.
Surgeon	1st July 1873.
Surgeon-Major	1st October 1880.

Appointments.—General duty, Presidency General Hospital, 27th April to 11th May 1869. Attached, 24th Native Infantry, 28th May to 5th June 1869; Medical charge, Doaba Outpost, 5th June 1869 to 1st February 1870. Special duty as Chemical Analyst, 1st February 1870 to 11th September 1871; Medical charge, 2nd Native Infantry, 12th September 1871 to 9th June 1872; Garrison Surgeon, Chunar, 11th June 1872 to 11th September 1872; On special duty on cholera enquiry, 12th September 1872; to 31st December 1873; Officiating Civil Surgeon, Jessore, 7th January 1874 to 9th January 1875; Officiating Civil Surgeon, 24-Pergunnahs, 11th January 1875 to 28th February 1875; Garrison Surgeon, Chunar, 13th March 1875 to 11th January 1881; Medical charge, 28th Native Infantry, 24th January to 27th February 1881; Civil Surgeon, Gonda, 28th February to 1st August 1881; Medical charge, 28th Native Infantry, 1st August 1881 to 11th July 1884; Officiating Medical Store-keeper to Government, Allahabad and Meean Meer, 11th July 1884 to 5th April 1887; Officiating Principal Medical Store-keeper, 6th April 1887 to 4th April 1888; Officiating Statistical Officer to the Government of India in the Sanitary and Medical Departments, 4th April 1888 to date.

War Services.—Nil.

Author of "Cholera, its cause and mode of dissemination"

SURGEON-MAJOR G. P. MACKENZIE, M.B., C.M., I.M.D.

Dates of Commission.

Assistant Surgeon	1st April 1870.
Surgeon	1st July 1873.
Surgeon-Major	1st April 1882.

Appointments.—Doing duty, Presidency General Hospital, 9th December 1870 to April 1871; Civil employment, Bhagalpore, Debrughar and Rawal Pindi, April 1871 to June 1872; Regimental employment, June 1872 to 31st October 1884; Held following medical charges:—6th Punjab Infantry, 4th Punjab Infantry, 16th Bengal Cavalry, 41st Native Infantry, 6th Native Infantry, 3rd Bengal Cavalry, 4th Native Infantry, Lawrence Military Asylum, Sunawar, 1st November 1884 to 9th November 1886; 4th Bengal Infantry, 10th November 1884 to 8th May 1887; Officiating Senior Medical Officer, Port Blair, 9th May 1887 to date.

War Services.—Nil.

HOME—HIGH COURT.

THE HONORABLE SIR WILLIAM COMER PETHERAM, KNIGHT, Barrister-at-law, Q.C.—Appointed Chief Justice of the High Court, North-Western Provinces, 1st November 1881; transferred to the office of Chief Justice of the Calcutta High Court with effect from 24th March 1886; appointed *Vice*-Chancellor of the University of Calcutta, 3rd June 1887; *privilege leave for 28 days from 25th July 1887.*

THE HONORABLE H. S. CUNNINGHAM, Barrister-at-law.—Appointed a Judge of the Calcutta High Court, 16th November 1877; on special duty as a Member of the Famine Commission, May 1878 to January 1881; *privilege leave from 1st July to 17th September 1883, and from 20th July 1885 to 20th September 1885*; on special duty as a Member of the Finance Committee from 16th March 1886 to 24th December 1886; *furlough for one year and 3 months, from 21st March 1887, extension of furlough for 4 months, from 25th June 1888 (without pay).*

THE HONORABLE A. WILSON, Barrister-at-law.—Appointed a Judge of the Calcutta High Court, 12th November 1878; *privilege leave from 16th November 1880 to 8th January 1881; furlough to Europe from 13th March 1883 to 12th February 1884; privilege leave for 2 months, from 22nd June 1887.*

THE HONORABLE J. Q. PIGOT, Barrister-at-law.—Appointed a Judge of the Calcutta High Court, 4th May 1882; *furlough on private affairs from 23rd November to 7th December 1882; furlough from 25th June 1886 to 19th March 1887; and further extension for 3 months and 17 days, from 20th March 1887.*

THE HONORABLE J. F. NORRIS, Barrister-at-law, Q.C.—Appointed a Judge of the Calcutta High Court, 17th June 1882; *privilege leave from 18th November to 17th December 1883; furlough from 14th September 1885 to 17th January 1886; special leave for 11 months, from 14th September 1886.*

THE HONORABLE E. J. TREVELYAN, Barrister-at-law.—Advocate, Calcutta High Court, 1876; Secretary, Board of Examiners, for Pleaders and Mooktears, 1875-1880; Officiating Presidency Magistrate, 1876. Appointed a Judge of the Calcutta High Court, 12th January 1885; *furlough from 5th April to 4th December 1885.*

R BELCHAMBERS, Attorney-at-law, Registrar, Original Side.—Held a subordinate place in the office of the Registrar of the Supreme Court, from 15th September 1848 to 31st December 1849; appointed Deputy Registrar of the Supreme Court (a new office) in February 1851; appointed a Commissioner to take affidavits and affirmations in 1852; appointed Chief Clerk of the Insolvent Court, January 1855, and performed the duties of this office in addition to his duties as Deputy Registrar; appointed to officiate as Accountant General of the Supreme Court and Registrar of the Vice-Admiralty Court on 1st December 1854, and performed the duties of these offices in addition to his other duties; appointed Registrar of the High Court, October 1862 [the office of Deputy Registrar having been merged in that office]; was appointed Keeper of Records and Muniments in January 1863, and as such performed the duties of Registrar of Joint Stock Companies and other Assurances from January 1863 to 2nd February 1865, in addition to his other duties; *leave on medical certificate from 23rd February 1865 to 17th December 1867*; appointed to officiate as Prothonotary, Taxing Officer, Accountant General and Sealer, 23rd November 1867, and performed the duties of those offices in addition to his other duties; permanently appointed Taxing Officer, Accountant General and Sealer, with power to perform such of the duties of the Clerk of the Crown as are not connected with the Criminal Sessions, April 1869, and has since performed the duties of those offices in addition to his duties as Registrar; was relieved of the duties of Chief Clerk of the Insolvent Court, April 1869; has since the abolition of the Master's Office in December 1863 been largely employed to perform the duties of Master and other *quasi*-judicial duties in addition to the duties of his various offices; *privilege leave from 20th November 1874 to 19th February 1875, and from 5th July 1878 to 30th September 1878*; is required to perform further *quasi*-judicial duties under the rules of 1st March 1886.

Undertook literary work of a public or official character as follows:—

In 1874 prepared a note on "The Bill to consolidate the law relating to the Sheriff and to the execution of decrees of the High Court," which was submitted by the Judges to the Government with a letter, No. 1960, dated 24th July 1874.

At the end of the same year and in the earlier part of 1875, prepared a set of rules of procedure which were adopted by the Court and were mentioned with approval in the report of the working of the Original Side in 1875, and some of which have been embodied in the Civil Procedure Code, 14 of 1882.

In 1876 furnished a note on the Civil Procedure Bill, which received special notice in the report of the Select Committee,—*vide Gazette of India*, September 30th, 1876, Part V, page 950.

In 1880 published a book of Rules and Orders of the High Court, with notes and an index, 572 pages, quarto, which was added to the list of subjects of examination both for Vakeels and Attorneys.

In 1884 published a book of "Practice of the Civil Courts," 663 pages, quarto, which was favorably mentioned by the Court in a letter to the Government of Bengal, No. 112, dated 9th April 1885.

LEGISLATIVE DEPARTMENT.

THE HON'BLE ANDREW RICHARD SCOBLE, Q.C.—Called to the Bar at Lincoln's Inn, 26th January 1856; appointed Q. C., 1876; Remembrancer of Legal Affairs at Bombay, 1869-72; Advocate General at Bombay, 1872-77; took upon himself the execution of his office of Ordinary Member of the Council of the Governor General in India, 1st December 1886; took his seat in Council, 16th December 1886.

STEPHEN HARVEY JAMES.—Joined the service, 2nd August 1870; arrived in India, 30th October 1870; attached to the N.-W. Provinces, 30th September 1870; appointed an Assistant in the Meerut Division, and invested with the powers of a Subordinate Magistrate of the 2nd class, and with those of an Assistant Collector, 14th November 1870; posted as Assistant Magistrate and Collector to Meerut, 21st November 1870; invested with the powers of a Subordinate Magistrate of the 1st class, and with those of a Deputy Collector for the trial of suits under Acts X of 1859 and XIV of 1863, 16th May 1871; passed the Departmental Examination by the higher standard in all branches and invested with the full powers of a Magistrate and with those of a Deputy Collector under Regulation IX of 1833, 16th May 1872; transferred to Etah, 17th October 1872; *examination leave from 26th March to 9th April 1874; privilege leave from 16th August to 19th October 1874;* transferred to Allahabad, 2nd November 1874; appointed Junior Secy., Board of Revenue, N.-W. Provinces, 1st May 1875; officiated as Secretary to Board of Revenue, N.-W. P., from 23rd February to 27th March 1877, and from 30th March to 30th April 1877; appointed to officiate as Under-Secretary to Government, N.-W. P. and Oudh, 1st May 1877; confirmed as Under-Secretary to Government, N.-W. P. and Oudh, 1st August 1877; Officiating Junior Secretary to Government, N.-W. P., 1st August 1877; Officiating Junior Secretary to Government, N.-W. P. and Oudh, 19th May 1878; reverted to Under-Secretary to Government, N.-W. P. and Oudh, 22nd August 1878; Officiating Registrar, High Court, N.-W. Provinces, 14th November 1878; appointed a Justice of the Peace within the N.-W. Provinces, 1st May 1879; *privilege leave from 6th August to 5th November 1879;* on being relieved of the office of Registrar, High Court, by Mr. R. J. Crosthwaite on the 3rd February 1881, was placed on special duty under the orders of the Court; Officiating Registrar, High Court, 24th February 1881; confirmed as Registrar, High Court, 4th May 1881, *privilege leave from 27th August to 26th November 1882;* resumed charge of his office as Registrar, 27th November 1882; was on special duty on the 28th November 1882; *privilege leave from 25th June to 13th July 1883;* was on special duty from 14th to 19th July 1883; resumed charge of his office as Registrar, 20th July 1883; was again placed on special duty and directed to accompany the Government to Lucknow, 10th October 1883; resumed charge of his office as Registrar, 19th November 1883; appointed Legal Remembrancer to the Government of the N.-W. P. and Oudh, 28th May 1884; transferred to the Government of India and appointed to officiate as Deputy Secretary in the Legislative Department, 4th March 1885, and as Secretary, 17th December 1885; confirmed as Secretary in the Legislative Department, 18th September 1887; *privilege leave, from 4th October 1887 to 2nd January 1888.*

JOHN MOLESWORTH MACPHERSON, Barrister-at-law.—Called to the Bar at the Inner Temple, 28th June 1876; Admitted an Advocate of the High Court, Calcutta, 4th December 1876; Appointed Deputy Secretary to the Government of India in the Legislative Department, 13th December 1877; *privilege leave from 27th February to 5th April 1881, and from 27th November 1882 to 26th February 1883;* furlough to Europe, with subsidiary leave, from 4th March 1885 to 24th March 1886; officiated as Secretary in the Legislative Department from 4th October 1887 to 2nd January 1888.

MR. MACPHERSON is the Editor of the 7th Edition of "Macpherson's Law of Mortgage in British India."

COLONEL HENRY SULLIVAN JARRETT.—Joined the service as Ensign, 13th December 1856, appointed to the Bengal Native Infantry, 24th February 1857; joined his appointment 15th April 1857; promoted to Lieutenant, 11th July 1857; doing duty with Mooltan Artillery Division from September 1857 to June 1858; appointed to do duty with 6th Irregular Cavalry, 1st September 1858; and with Station Interpreter, Mooltan, November 1858; appointed Interpreter, V Battery, Royal Artillery, December 1858; exchanged into the 3rd European Regiment, April 1859; appointed to the 3rd Punjab Cavalry, June 1859; appointed Officiating Adjutant, 19th January 1860; appointed Station Staff Officer, Dera-Ghazi Khan, 21st January 1860 and Dera-Ismail-Khan, 9th April 1860; appointed Adjutant, 1st Punjab Cavalry, 22nd February 1864, and 4th Bengal Cavalry, 12th January 1864; *furlough to Europe from 6th July 1868 to 9th April 1870,* promoted to Captain, 13th December 1868; appointed Officiating 2nd-in Command, 4th Bengal Cavalry, 17th July 1869, appointed to officiate as Secretary

Board of Examiners, 18th April 1870, and confirmed in that appointment, 29th March 1871; appointed to officiate as Assistant Secretary to the Government of India, in the Home Department, 18th April 1870, and in the Legislative Department, 2nd May 1873; *privilege leave from 17th January 1873 to 21st April 1873*; confirmed as Assistant Secretary, Government of India, Legislative Department, 17th August 1875; *furlough to Europe from 7th October 1875 to 12th January 1877*; promoted to Major, 13th December 1876; *furlough to Europe, from 31st March 1882 to 13th October 1883*; promoted to Lieutenant-Colonel, 13th December 1882; *privilege leave for 2 months and 29 days, with effect from 5th July 1886.*

War Service.—Indian Mutiny, 1858; present at outbreak of 62nd and 69th Regiments, and Native Horse Artillery at Mooltan, August 1858; engaged in pursuit of Mutineers of those Regiments, in command of a troop of the 6th Irregular Cavalry under Brigadier-General Farquharson, 1st September 1858—received medal and mentioned in despatches.

Mahsud Waziri Expedition, 1860.—Present at action of Berara Pass and the remaining operations of the Expeditionary Force (under Brigadier-General N. Chamberlain); engaged with the same Regiment in the blockade of the same tribe on the Tok Frontier (1861-62)—received medal and clasp; 2nd Eusufzai Expedition, 1863; served with and present at all actions and operations of the Eusufzai Field Force as Aide-de-Camp to Brigadier-General N. Chamberlain, October 1863—received clasp.

Statements of the Services of Officers in the Survey of India.

Corrected up to 1st July 1888.

COLONEL H. R. THUILLIER, *Royal Engineers (Bengal), Surveyor General of India.*—Joined the Honourable East India Company's Military College, Addiscombe, 11th June 1855; obtained his commission as 2nd Lieutenant, 12th June 1857; on duty at the Royal Engineering Establishment, Chatham, from 1st August 1857 to February 1859; promoted to 1st Lieutenant, 27th August 1858; arrived in India, 29th April 1859; appointed to the Survey Department as 2nd Assistant, Great Trigonometrical Survey, 21st May 1859; attached to the Great Indus series party from 20th November 1859 to 28th February 1861; promoted to 1st Assistant, 1st February 1861; transferred to the Kashmir Survey and employed thereon from 1st March 1861 to 28th February 1862; appointed to the charge of the Levelling Party, 1st March 1862; appointed to the charge of the East Calcutta Longitudinal series party, 1st September 1862; employed on that undertaking till its completion in November 1867; then commenced the Brahmaputra series; designation of appointment changed to Surveyor, 3rd grade, 1st April 1866; promoted to 2nd grade, 1st September 1869; designation changed to Deputy Superintendent, 2nd grade, 1st September 1869; Captain, 10th November 1869; employed on the Brahmaputra series triangulation till October 1870; then transferred to the charge of the Kumaon and Garhwal Topographical Survey; furlough to Europe, 14th March 1871; promoted to Deputy Superintendent, 1st grade, 18th July 1871; returned to India from furlough, 9th March 1873; resumed charge of the Kumaon and Garhwal Survey party in October 1873; employed on the survey of the Dehra Dun and Jaunsar-Bhawar districts till April 1876; reverted to Deputy Superintendent, 2nd grade, 1st April 1874, under reorganization of the department, and officiated as Deputy Superintendent, 1st grade, from that date to 3rd April 1876; appointed to officiate as Superintendent, Great Trigonometrical Survey, 4th April 1876; Major, 7th October 1876; reverted to Officiating Deputy Superintendent, 1st grade, 1st November 1876; transferred to the charge of the Mysore Topographical Survey in March 1877; promoted to Deputy Superintendent, 1st grade, 27th October 1878, under the reorganization of 1878; furlough to Europe from 17th November 1879 to July 1881; on special duty at Poona, July to October 1881; resumed charge of the Mysore Topographical Survey, November 1881; Brevet Lieutenant-Colonel, 7th October 1883; appointed to officiate as Deputy Surveyor General, in charge Revenue Survey Branch, from 5th March 1884; confirmed, 1st October 1884; appointed to officiate as Surveyor General of India from 24th February 1886; Lieutenant-Colonel, 12th August 1886; confirmed as Surveyor General of India, 19th February 1887; Colonel, 7th October 1887.

COLONEL JAMES SCONCE, *Bengal Staff Corps, Deputy Surveyor General, in charge Revenue Branch.*—Joined the Honourable East India Company's Military College at Addiscombe, February 1852; date of first commission as 2nd Lieutenant, Bengal Artillery, 9th December 1853; landed in India, 2nd April 1854; promoted to 1st Lieutenant, 23rd September 1857; appointed to Bengal Horse Artillery, 11th February 1858; appointed Adjutant, 4th Battalion, Bengal Artillery, 15th July 1859; appointed Assistant Revenue Surveyor in the Bundelkhand Revenue Survey, 21st October 1859; transferred to the Royal Artillery, May 1861; appointed to the charge of 1st Division, Central Provinces Revenue Survey, at Jubbulpore, 27th June 1862; promoted to Revenue Surveyor (now Deputy Superintendent of Survey), 3rd grade, 24th January 1863; promoted to 2nd Captain, Royal Artillery, 3rd April 1863; transferred to the charge of 3rd Division, Central Provinces Revenue Survey at Saugor, 13th November 1863; proceeded on furlough to Europe on sick certificate, 25th July 1864; returned from furlough and appointed to do duty in the Office of Superintendent, Revenue Surveys, Calcutta, 16th March 1866; appointed to the charge of 6th Division, Lower Provinces Revenue Survey at Hazaribagh, 3rd November 1866; promoted to Deputy Superintendent of Survey, 2nd grade, 6th November 1868; transferred as Captain to Bengal Staff Corps, 8th March 1869; proceeded on furlough to Europe, 28th March 1872; returned from furlough and appointed to do duty in the Office of Superintendent of Revenue Surveys, Calcutta, 5th November 1873; appointed to the charge of the 3rd Division, Lower Provinces Revenue Survey at Midnapur, 6th December 1873; promoted to Brevet Major, 9th December 1873; transferred to the charge of the 8th Division, Revenue Survey (Western Soane Irrigation) at

Arrah, 16th March 1876; promoted to Major, Bengal Staff Corps, 11th October 1876; appointed Deputy Surveyor General, 1st January 1879; promoted to Lieutenant-Colonel, Bengal Staff Corps, 9th December 1879; Colonel, 9th December 1883; on furlough to Europe from 14th March 1884 to 7th March 1886; resumed charge of his office as Deputy Surveyor General, Revenue Branch, on 11th March 1886.

War Services.—Served with the 1st Battalion, Bengal Artillery, and No. 17, Light Field Battery, at the siege and capture of Delhi in September 1857; in action with the rebels at Bulandshahr in October 1857; in action with the rebels at Agra, 10th October 1857; served during the operations leading to the relief of Lucknow by the Army under Sir Colin Campbell in October and November 1857; in action with the rebels at Cawnpore on 5th November 1857; in action with the rebels at Shumshabad, near Futtegarh, in January 1858; at Alumbagh during the capture of Lucknow in March 1858; has received a mutiny medal with clasps for "Delhi," "Relief of Lucknow," "Capture of Lucknow."

COLONEL CHARLES THOMAS HAIG, *Royal Engineers* (*Bombay*), *Deputy Surveyor General, in charge Trigonometrical Survey Branch.*—Obtained his first commission from the Honourable East India Company's Military College at Addiscombe, 8th June 1854; on duty at the Royal Engineering establishment, Chatham, 1st August 1854; left Chatham, 9th April 1855; Lieutenant, 24th May 1856; arrived at Bombay, 5th July 1856; joined the Bombay Sappers and Miners at Poona forthwith; commanded a company of that corps with the Persian Expeditionary Force, 1856-57; returned to India, October 1857; started same month in command of a company of the Bombay Sappers and Miners to join the Rajputana Field Force, with which he was afterwards appointed Staff Officer of Engineers; in May 1858 was appointed Assistant Executive Engineer at Neemuch; 22nd September 1859, appointed 2nd Assistant in the Great Trigonometrical Survey of India; joined the Bombay Party, at Rajcot, 15th October 1859, but was employed with the Okhamandal Field Force in the taking of Dwarka till December 1859; assumed charge of the Bombay Party, March 1860, and was employed therewith in Kattywar, Guzerat, Meywar, Malwa, the Deccan and Kanara, until March 1866; promoted to 1st Assistant, 1st February 1861, and to Captain, 12th April 1862; on furlough from 14th April to 13th October 1865; assumed charge of the Northern Bombay Party, March 1866; engaged in the Survey of Bombay and the Topographical Survey of Kattywar till September 1869; promoted to Deputy Superintendent, 2nd grade, 1st October 1867; on furlough from 30th September 1869 to 22nd September 1871; assumed charge of the Guzerat Party and engaged in its Topographical Survey till June 1884, with the exception of furlough from 31st March 1877 to 30th October 1878 and deputation as Commissioner to the Venice Geographical Exhibition from 14th April to 7th November 1881; promoted to Major, 5th July 1872, and to Lieutenant-Colonel, 23rd January 1877; Officiating Deputy Superintendent, 1st grade, 1st November 1879; promoted to Colonel, 1st July 1881; again officiated as Deputy Superintendent, 1st grade, from 27th November 1881 to 31st December 1882, and from 12th February to 31st October 1883, and confirmed in that grade, 1st November 1883; appointed Officiating Deputy Surveyor General, in charge Trigonometrical Survey Branch, 1st October 1884; confirmed 19th February 1887.

War Services.—Served with Persian Expeditionary Force, 1856-57; present at the battle of Khushab, and at the taking of Mohamera—medal and clasp; served with the Rajputana Field Force, 1857-58; present at the siege and assault of Kota—medal and clasp; served with the Okhamandal Field Force, 1859; present at the siege of Dwarka.

LIEUTENANT-COLONEL GEORGE STRAHAN, *Royal Engineers* (*Bengal*), *Deputy Superintendent, 1st Grade.*—Obtained his commission from the Honourable East India Company's Military College at Addiscombe on 10th December 1858; on duty at Royal Engineering Establishment at Chatham, February 1st, 1859; remained under instruction at the establishment till June 1860; arrived in India, November 20th, 1860; remained with the Sappers and Miners at Roorkee from 6th December 1860 till March 1861; employed in the Irrigation Branch, Public Works Department, till July 2nd, 1862; appointed on 2nd July 1862 to Survey Department; served as Assistant in the Gwalior and Central India Survey for two years; assumed charge of No. 7 Party, Rajputana Survey, 1st September 1864; * sick leave to England, from 10th November 1867 to 6th July 1869; promoted to Captain, January 14th, 1871; appointed Deputy Superintendent, 3rd grade, November 10th, 1867; appointed Deputy Superintendent, 2nd grade, October 26th, 1870; transferred to charge of No. 8 Party, Mysore Survey, 1st October 1875; furlough to Europe on private affairs, from May 1st, 1877, to April 15th, 1879; assumed charge of No. 2 Party, Khandesh Survey, June 4th, 1879; and of Mysore Topographical Party, 1st November 1879; promoted to rank of Major, 27th May 1881; received charge of No. 2 Astronomical Party, 4th November 1881; Officiating Assistant Surveyor General in charge, Engraving and Cartographic Branches, Head-quarters, Calcutta, from 27th April 1883 to 24th July 1883; assumed charge of No. 2

* *Vide* G. G. O. No. 605, dated 26th September 1863,—*vide* General Report, 1860 to 1865, page 36, para. 160.

Astronomical Party, 1st August 1883; furlough to Europe for one year from 7th May 1884, with extension for 6 months; promoted to Deputy Superintendent, 1st grade, 10th November 1884. On duty in Europe from 10th April to 4th August 1885, inclusive (period to count as service, *vide* Secretary of State's letter No. 231, dated 3rd September 1885). In charge, Astronomical No. 2 Party, 13th November 1885, and of the Andaman Survey likewise from 18th May 1886. Nomenclature of Party changed to Nicobar, 1st October 1886, made over charge of No. 2 Astronomical Party on the 15th October 1886; promoted to Lieutenant-Colonel, 8th September 1886. Made over charge of No. 21 Party (Nicobar) and resumed that of No. 23 Party (Astronomical II) 1st October. Assumed charge of No. 22 Party Astronomical I on the 1st and made over on the 30th November 1887 to Lieutenant-Colonel W. J. Heaviside, R.E.

COLONEL DONALD MACDONALD, *Bengal Staff Corps, Deputy Superintendent, 1st Grade, and Assistant Surveyor General.*—Date of 1st commission as Ensign in Bengal Infantry, 20th October 1853; landed in India, 1st December 1853; posted to 25th Regiment, Native Infantry; served with the 25th Native Infantry, 1 year at Allahabad and 4½ years in Burma, during which period he officiated as Quarter-Master and was appointed Adjutant; promoted to Lieutenant, 18th January 1856; proceeded to Europe on medical certificate from 20th May 1859 to 12th August 1860; joined the Survey Department, 19th December 1860; served as Assistant Revenue Surveyor in the Dinagepur District, and afterwards in Manbhoom; Captain, 1st January 1862; received charge of a Survey Party in 1863; entered Staff Corps, 13th August 1864; promoted Revenue Surveyor, 1st January 1865; promoted Deputy Superintendent, 3rd grade, 1st April 1866; superintended the survey of Manbhoom from 1863 to 1866, took this party up to Luckhimpore in Assam, and started the survey there; transferred in March 1867 to Sind, and superintended the survey of District Shahbunder and portion of Thur Parker, and Hyderabad; transferred with this party to Kurnal in 1870; promoted to Officiating Deputy Superintendent, 2nd grade, 12th March 1871; furlough on private affairs from 18th January 1872 to 14th January 1874; Major, 20th October 1873; on return took charge of the Goalpara Survey till 1875, when that party was broken up; transferred to charge of North Deccan Survey at Poona; again transferred in 1877 to charge of Sirsa Survey; promoted Deputy Superintendent, 2nd grade, 1st January 1878; Lieutenant-Colonel, 20th October 1879; on breaking up of that party in 1879 was posted to charge of North-West Frontier Survey, which he held from 1879 to 1884; surveyed portions of Dehra Ismail Khan, Rawalpindi, Mozaffargurh and Hissar Districts; Colonel, 20th October 1883; furlough on private affairs from 7th March 1884 to 23rd February 1886; on return from furlough was posted to Head-quarters Office in Calcutta as Officiating Assistant Surveyor General, in charge of Mathematical Instrument Office, and Account and Correspondence, Surveyor General's Office; Officiating Deputy Superintendent, 1st grade, 9th March 1886; confirmed 1st January 1887; confirmed as Assistant Surveyor General, 26th September 1887.

COLONEL F. CODDINGTON, *Bengal Staff Corps, Deputy Superintendent, 1st Grade.*—Joined the late Honourable East India Company's Military College at Addiscombe on 1st August 1855; received commission as 2nd Lieutenant in the Bengal Artillery on the 12th June 1857; arrived in India, 16th October 1857; promoted to 1st Lieutenant on the 27th April 1858; appointed to the Bengal Horse Artillery on the 23rd October 1858; services transferred to Royal Horse Artillery in May 1861; appointed an Assistant Surveyor in the Survey Department on the 13th January 1862, and transferred to Bengal Staff Corps from same date; appointed to the charge of a Survey Party, 3rd Division, Oudh, on the 1st January 1864; sick leave to Europe from the 10th December 1865 to 25th July 1867; promoted to Deputy Superintendent of Survey, 3rd grade, on the 26th July 1867; attached to Head-quarters Office from 26th July 1867 till the 15th November 1867; received charge of the 4th Division, Central Provinces Revenue Survey, on the 27th November 1867; promoted to Captain, 12th June 1869; raised and received charge of a new survey, 10th Division, Deccan, on the 1st November 1871; furlough to Europe from 29th March 1875 to 18th March 1877; appointed to do duty in the Head-quarters Office from 19th March 1877; promoted to Major, 12th June 1877; furlough on urgent private affairs, under Rule XI of 1868, from 16th February 1878; rejoined appointment in Head-quarters Office, 12th August 1878; promoted to Deputy Superintendent, 2nd grade, on the 27th October 1878; furlough on private affairs from 9th November 1882 to 28th February 1884; promoted to Lieutenant-Colonel, 12th June 1883; received charge of Punjab Revenue Party on 3rd March 1884; officiated as Deputy Superintendent, 1st grade, from 1st October 1884 to 8th March 1886, and from 10th March 1886 to 8th December 1886. Again from 1st January 1887. Confirmed 19th February 1887. Colonel, 12th June 1887.

War Services.—Served with the Cawnpore Field Force and at intrenched camp at Alumbagh and capture of Lucknow between 30th December 1857 and 23rd April 1858—medal with clasp for Lucknow.

MAJOR CHARLES STRAHAN, *Royal Engineers (Bengal), Deputy Superintendent, 2nd Grade, Assistant Surveyor General*.—Date of first commission, 8th June 1860; landed at Calcutta, October 1862; appointed to Survey Department as Military 2nd Assistant, and attached to No. 1 Party, 26th September 1863; took charge of reconnoitring party in Bhutan under General Tytler in October 1865; promoted to Assistant Surveyor, 1st grade, 1st April 1866; rejoined No. 1 Party, 16th July 1866; promoted to Surveyor, 3rd grade, 1st December 1867; furlough to Europe from 2nd December 1871 to 27th October 1873; promoted to Captain, 20th August 1872; Officiating Deputy Superintendent, 2nd grade, from 4th January to 31st March 1874, from 1st February to 4th October 1878, from 27th October 1878 to 21st April 1879, and from 1st November 1879 to 13th March 1880; furlough to Europe from 27th March to 10th October 1880; Officiating Deputy Superintendent, 2nd grade, from 18th October 1880 to 9th January 1884; promoted to Brevet Major, 2nd March 1881; to Major, 1st July 1881; officiated as Assistant Surveyor General, in charge Cartographic and Engraving Branches from 24th July 1883; promoted to Deputy Superintendent, 2nd grade, 10th January 1884; confirmed as Assistant Surveyor General, 23rd May 1884; Officiating Deputy Superintendent, 1st grade, from 3rd December 1884 to 12th November 1885; furlough to Europe from 4th May 1886 to 23rd October 1887; resumed charge of his office as Assistant Surveyor General, in charge Drawing and Engraving Offices, Calcutta, 24th October 1887.

War Services.—Served with the Bhutan Field Force, in charge of reconnoitring party, under General Tytler from October 1865 to 16th July 1866—medal and clasp; served with the Peshawur Field Force in Afghanistan under Sir Samuel Brown from March 1879 to end of first campaign in June 1879—medal—brevet of Major.

LIEUTENANT-COLONEL WILLIAM BARRON, *Bengal Staff Corps, Deputy Superintendent, 2nd Grade*.—Received a commission in the Bengal Artillery as 2nd Lieutenant on 11th December 1858; arrived in the country, 4th February 1859; did duty with the Bengal Artillery at Meerut and Peshawur till end of March 1860; did duty with the Peshawur Mountain Train Battery during April and May 1860; rejoined the Artillery Division at Peshawur, June 1860, and continued there till appointed to the Peshawur Mountain Train Battery on 22nd August 1861; served with it at Murdan and Abbottabad till 3rd July 1862; appointed Assistant Revenue Surveyor in the Revenue Survey, 27th June 1862, and joined on 4th July 1862; joined the Bengal Staff Corps, 4th July 1862; Assistant Superintendent, 1st grade, 27th June 1866; surveyed in the Delhi, Peshawur, and Hazara Districts till 15th December 1866; held charge of the North-West Frontier Survey from 12th October to 15th December 1866; took charge of the 2nd Division, Lower Provinces, at Dibrugarh, Assam, on 1st February 1867; Officiating Deputy Superintendent, 3rd grade, 6th November 1868; continued surveying in the Lakhimpur District till 8th December 1869; leave on medical certificate to Europe from 6th January 1870 to 3rd April 1871; promoted to Captain, 11th December 1870; appointed Deputy Superintendent of Survey, 3rd grade, on 1st April 1870; on return from furlough took charge of the North-West Frontier Revenue Survey, on 17th April 1871; surveyed in the Dera Ghazi Khan District till 15th October 1873; transferred to the 4th Division, Revenue Survey, and took charge on the 13th November 1873; continued in charge till the 31st October 1883, during which time surveyed districts Budaun (on scale of 4″=1 mile), Moradabad, Ghazipur, Ballia, and part of Benares (cadastrally on scale of 16″=1 mile); promoted to Major, 11th December 1878; Officiating Deputy Superintendent, 2nd grade, from 27th November 1881 to 2nd December 1881, again from 7th November 1882 to 8th January 1883, and from 12th February 1883 up to 31st October 1883; furlough, private affairs, for 2 years, from 9th November 1883; confirmed as Deputy Superintendent, 2nd grade, 7th August 1884; promoted to Lieutenant-Colonel, 11th December 1884; returned from furlough and received charge of No. 8 Revenue Party, Mozufferpore, subsequently called Bengal and Orissa (Cadastral) Survey, 16th November 1885. On deputation to Government Straits Settlement from afternoon of 14th May 1887. Resumed charge of No. 8 Party (Bengal and Orissa), 30th August 1887.

Favourably mentioned in Despatch No. 7, dated India Office, London, 5th May 1870, from the Right Honourable the Secretary of State for India, to His Excellency the Right Honourable the Governor General of India in Council, for his work in the Lakhimpur District.

Received the thanks of the Government of India for compiling a "Hand-book of Instructions for Cadastral Survey Parties employed in the combined operations of Survey and Settlement in the North-Western Provinces."—Letter No. 213 S., dated Simla, 11th June 1884, from the Under-Secretary to the Government of India (Revenue and Agricultural Department), to the Surveyor General of India.

War Services.—Served with the Peshawar Mountain Train Battery in the Mahsood Wuzeeree Expedition during April and May 1860, and the forcing of the Burrara Pass; served as Assistant Surveyor with the Umbeyla Expedition, October 1863; severely wounded in the action at the Eagle's Nest Picket on 26th October 1863—wound pension for life—medal with North-West Frontier and Umbeyla clasps.

COLONEL H. C. B. TANNER, *Bombay Staff Corps, Deputy Superintendent, 2nd Grade.*—Obtained his commission in the Bombay Artillery from the Honourable East India Company's Military College at Addiscombe on the 8th June 1854; joined the Survey Department from the E Brigade, Royal Horse Artillery, as Assistant in the Sind Revenue Survey on 10th October 1862; transferred with the Sind Party to Chanda, Central Provinces; the party became the 4th Division, Central Provinces Revenue Survey, in February 1865; sick leave from 18th February to 13th March 1866; furlough to Europe from 14th March 1866 to 11th May 1867; after rejoining from furlough, on duty in the Head-quarters Office, Calcutta, from 11th May to 23rd June 1867; assumed charge of the 3rd Division, Central Provinces Revenue Survey, at Saugor, 24th June 1867; transferred with the party to the Nimar District in November 1867; Officiating Deputy Superintendent, 3rd grade, 6th November 1868; promoted to Deputy Superintendent, 3rd grade, 1st April 1870; assumed charge of the Bombay City Survey in addition to his other duties, December 1869; transferred with the 3rd Division, Central Provinces Survey, to Bhawalpur; designation of party changed to 1st Division, Bhawalpur Revenue Survey, November 1870; transferred to the Topographical Party, which accompanied Sir Charles Brownlow's column to the Lushai Hills, from 1st November 1871 to 30th April 1872; on return from the Lushai Expedition transferred to charge of 4th Division, Central Provinces, 29th August 1872; designation of party altered to 11th Deccan Topographical Party, 1st October 1872; promoted to Major, 8th June 1874; furlough on private affairs on 25th August 1876; rejoined 11th Division, Deccan Survey, on expiration of furlough, 28th April 1877; ordered to join the Khyber column, under Lieutenant-General Sir Samuel Brown, as Surveyor, November 1878; joined the Great Trigonometrical Survey Office at Mussoorie on completion of Afghanistan campaign in June 1879; on special duty to Gilgit from July 1879 to 18th April 1882; promoted to Lieutenant-Colonel, 22nd November 1879; furlough for 6 months, 19th April 1882; assumed charge of Darjeeling and Nepal Boundary Parties, 1st November 1882; Officiating Deputy Superintendent, 2nd grade, from 7th November to 31st December 1882, and from 14th March 1883 to 30th September 1884; promoted to Colonel, 8th June 1884; and to Deputy Superintendent, 2nd grade, 1st October 1884; services placed under the disposal of the Foreign Department for employment with the Tibet Mission from May 1886. Rejoined the Department, 18th August 1886, and assumed charge of the Himalaya Party on the 19th idem.

War Services.—Accompanied the Persian Expeditionary Force of 1856 as Subaltern in No. 5 Light Field Battery, and was present at the landing at Halila Bay, the taking of Reshire and Bushire and the battle of Kushat—medal and clasp—accompanied a force despatched after the rebels from Kurrachee to Nugger Parker in May 1859; accompanied Sir Charles Brownlow's column during the Lushai Expedition in November 1871 as Surveyor—clasp—mentioned in despatches, and received the thanks of the Government of India; accompanied Sir Samuel Brown's column, 1st Division, Peshawur Valley Field Force, as Surveyor, from the commencement to the termination of hostilities in 1878-79.

LIEUTENANT-COLONEL WILLIAM JAMES HEAVISIDE, *Royal Engineers (Bengal), Deputy Superintendent, 2nd Grade.*—Obtained his commission as 2nd Lieutenant, Bengal Engineers, 10th June 1859, from the Royal Military College, Addiscombe; joined at Chatham, 1st August 1859; left Chatham in March 1861; granted three months' extension in England to study railway engineering; landed in Calcutta, 1st November 1861; joined Sappers and Miners at Roorkee (about) 15th December 1861; joined Agra and Bombay Road Division, Department Public Works, as Probationary Assistant Engineer, 15th September 1862; promoted to 2nd grade Assistant (about) 1st May 1863; transferred to 2nd Division, Allahabad, Department of Public Works, in August 1864; left Department of Public Works for field service on 14th February 1865; on return from service joined the Great Trigonometrical Survey, 3rd January 1866, as 2nd grade Assistant; posted to East Calcutta Longitudinal Series; assumed charge of No. 2 Astronomical Party, September 1866; promoted to 1st grade Assistant, Great Trigonometrical Survey, 1st March 1868; to Captain, 24th March 1871; and to Deputy Superintendent, 3rd grade, Great Trigonometrical Survey, 5th April 1872; on furlough from 30th October 1870 to 4th April 1872; assumed charge of Pendulum operations, and remained in charge until their completion; in joint charge of Longitude operations with Captain W. M. Campbell, R.E., November 1875; on furlough from 16th November 1877 to 28th November 1878; joined the Southern Afghanistan Field Force, November 1878; returned to India, and assumed charge of Khandesh and Bombay Native States, Topographical Party, 24th October 1879; assumed charge of No. 1 Astronomical Party, 18th October 1880; Brevet Major, 2nd March 1881; promoted to Major, 1st July 1881; on furlough to Europe for 7 months from 28th April 1882; assumed charge of No. 1 Astronomical Party, 6th December 1882, and joint charge of the Longitude operations till 29th April 1884, when he took over charge of No. 2 Astronomical Party also; Officiating Deputy Superintendent, 2nd grade, from 29th April 1883 to 9th November 1884; confirmed as Deputy Superintendent, 2nd grade, 10th November 1884; on furlough, 12th February 1886;

Lieut.-Colonel, 11th December 1886; extension of leave for 181 days. Further extension 4 months. Returned from furlough, 21st November 1887, and resumed charge of No. 22 Party (Astronomical I) on the 30th idem.

War Services.—Served with the Left Centre Column, Bhutan Field Force, as Assistant Field Engineer, 1865-66—Frontier medal and clasp for Bhutan; served in 1878-79 with the Southern Afghanistan Field Force on special survey duty; joined Sir Donald Stewart's column at Kandahar, and accompanied the Thal Chotiali Force under Sir M. F. Biddulph on its return to India—mentioned in Thal Chotiali despatches—medal—brevet of Major.

COLONEL AYRTON PULLAN, *Bengal Staff Corps, Deputy Superintendent, 2nd Grade.*—Appointed a Cadet of Infantry, February 1856; landed in India, 29th April 1856; date of first commission as Ensign, 14th June 1856; Lieutenant, 26th December 1856; Officiating Quarter-Master, 4th Sikh Infantry, July 1857; sick leave from Delhi Field Force, 12th September to 30th November 1857; appointed Adjutant, Berry's Sikhs, November 1857; Adjutant, Gorukpur Military Police, January 1858; Adjutant, Benares Horse, January 1859; appointed to the Staff Corps, 18th February 1861; attached to Her Majesty's 8th Hussars, November 1861; Doing Duty Officer, 14th Bengal Cavalry, January 1862; officiated as Assistant Political Agent, and Bazar Master, Morar, from April to June 1862; Doing Duty Officer, 8th Bengal Cavalry, June 1862; appointed 2nd Assistant, Great Trigonometrical Survey, 18th January 1863; promoted to 1st Assistant (designation changed to Assistant Surveyor, 1st grade), 1st October 1866; promoted to Captain, 14th June 1868; furlough to Europe for two years, 31st December 1869; Assistant Superintendent, 1st grade, and Officiating Deputy Superintendent, 3rd grade, Great Trigonometrical Survey, 11th December 1871; appointed to the charge of the Kattywar Survey, 6th April 1873; promoted to Major, 14th June 1876; confirmed Deputy Superintendent, 3rd grade, 1st January 1878; furlough to Europe for one year from 13th May 1878; returned to duty, 19th April 1879; resumed charge of Kattywar Survey, 26th April 1879; on completion of Kattywar Survey in 1879-80 commenced the survey of Cutch; promoted to Lieutenant-Colonel, 14th June 1882; officiated as Deputy Superintendent, 2nd grade, from 1st November 1883 to 27th November 1884; confirmed, 28th November 1884; employed on Cutch Survey until its completion in 1886; promoted to Colonel, 14th June 1886; assumed charge of Gujarat Survey on 30th October 1886.

War Services.—Served as Orderly Officer to Brigadier Johnstone on the march from Jullundur to Delhi, June 1857; served with the 4th Sikh Infantry throughout the siege of Delhi—severely wounded—medal and clasp—also mentioned in despatches three times during the Indian rebellion, and received the thanks of Sir C. Wingfield, Chief Commissioner of Oudh, for the defence of the town of Bansee when attacked by an insurgent force, July 1858 (horse wounded).

LIEUTENANT-COLONEL DAVID CLAPHAM ANDREW, *Bengal Staff Corps, Deputy Superintendent, 2nd Grade.*—Joined Royal Military College, Addiscombe, 7th February 1859; obtained a commission as Ensign in the General List of Bengal Infantry on 9th December 1859; arrived in India, 7th March 1860; by G. O. C. C., dated 9th April 1860, directed to do duty with Her Majesty's 77th Regiment; promoted to Lieutenant on the 10th September 1861; by G. O. C. C., dated 25th March 1862, ordered to join and do duty with the 21st Punjab Native Infantry; joined the Revenue Survey Department as Probationary Assistant Surveyor on the 30th December 1862; posted to the 3rd Division, Central Provinces Revenue Survey; appointment confirmed, 18th January 1864; joined Bengal Staff Corps, 18th January 1864; Assistant Superintendent, 1st grade, on the 30th December 1866; transferred to the Oudh Revenue Survey, June 1867; promoted to Captain on the 9th December 1871; appointed to the charge of the Nowgong District Revenue Survey, Assam, in October 1871; settled all the lakhirajdar dispute cases in the Nowgong District, Assam, demarcating the estates; transferred to the charge of the 2nd Division, Bhawalpur State Survey, October 1872, and to the 3rd Division in 1873, which latter was abolished in 1875; in October 1875 appointed to the charge of the Azumgarh Cadastral Survey which was abolished; appointed in October 1876 to the N.-W. Provinces Cadastral Revision Survey, and transferred in October 1877 to the Cuttack Cadastral Survey; promoted to Deputy Superintendent of Revenue Survey, 3rd grade, on the 1st January 1878; proceeded on furlough on medical certificate to Europe on the 28th May 1878; returned to India on the 12th June 1879, and employed in office of Deputy Surveyor General; placed in charge of Bassein District, British Burma Cadastral Survey, 11th November 1879; promoted to Major, 9th December 1879; transferred to No. 11 South Deccan Topographical Survey, subsequently called Seoni Traverse Survey, 20th November 1880; received personal allowance of £100, until promotion to Deputy Superintendent, 2nd grade, 15th February 1883; Officiating Deputy Superintendent, 2nd grade, from 5th to 23rd March 1884, and again from 30th April 1884 to 9th March 1886; promoted to Lieutenant-Colonel, 9th December 1885; confirmed as Deputy Superintendent, 2nd grade, 10th March 1886.

COLONEL WILLIAM HENRY WILKINS, *Bengal Staff Corps, Deputy Superintendent, 2nd Grade.*—Joined the Bengal Artillery, 12th December 1857; arrived in the country, 28th January 1858; promoted to 1st Lieutenant, 27th August 1858; joined Thomason College, Roorkee, 12th March 1861; obtained 1st class certificate, &c., 27th August 1862; privilege leave until 1st November 1862, on which date received general leave in India for three months, afterwards extended to six months; commanded the garrison battery in Agra Fort (the 20 days' leave not expended was never cancelled), 11th April 1863; joined the Fyzabad Revenue Survey as Assistant on probation, 27th April 1863; confirmed as Assistant Revenue Surveyor, and appointed to Staff Corps from 11th May 1864; joined 1st Division, Central Provinces Revenue Survey, 13th November 1864; promoted to Assistant Superintendent, 1st grade, 27th April 1867; Captain, 12th December 1869; Assistant Superintendent, in charge of 1st Division, Central Provinces Survey, 3rd August 1870 to 16th December 1870; joined the 2nd Division, Punjab Revenue Survey, 1st July 1871; Officiating Deputy Superintendent, 3rd grade, 13th May 1871 to 24th September 1871; received charge of 2nd Division, Punjab Revenue Survey, 20th October 1871; Officiating Deputy Superintendent, 3rd grade, from 18th January 1872 to 3rd March 1872, and from 28th March 1872 to 18th March 1877; received charge of Midnapur Revenue Survey, 1st December 1876; received charge of Dearah Survey, 7th December 1877; Major, 12th December 1877; confirmed as Deputy Superintendent, 3rd grade, 27th October 1878; received charge of Bassein District (British Burma) Cadastral Survey on 25th November 1881; received personal allowance of R100 from 15th February 1883 until promotion to Deputy Superintendent, 2nd grade; on furlough to Europe from 8th June 1883; promoted to Lieutenant-Colonel, 12th December 1883; returned from furlough and attached to Head-quarters, Calcutta, from 14th March 1884; Officiating Deputy Superintendent, 2nd grade, from 7th August 1884 to 31st December 1886; transferred to charge of Raipur District Traverse Survey and superintending Detached Party working in District Sambalpur from 4th November 1885; confirmed as Deputy Superintendent, 2nd grade, 1st January 1887. Colonel, 12th December 1887.

War Services.—Served with the Cawnpur Field Force during February and March 1858.

LIEUTENANT-COLONEL J. E. SANDEMAN, *Bengal Staff Corps, Deputy Superintendent, 2nd Grade.*—Joined the Royal Military College at Addiscombe in 1860; obtained a commission as Ensign in the Bengal Infantry on the 7th June 1861; arrived in India in October 1861; was attached for duty to Her Majesty's 90th Light Infantry; promoted to Lieutenant, 19th May 1862; 10th October 1862 passed the P. H. examination in Hindustani; had leave in India, private affairs, 15th December 1862 to 12th February 1863; by G. O. C. C., dated 23rd March 1863, was permitted to study at the Civil Engineering College at Roorkee; in September 1864 passed the College final examination, and obtained certificate qualifying for employment as an Engineer in the Department of Public Works; was appointed to the Survey Department, and joined appointment at Nagpur on the 6th October 1864; from 17th February 1866 was transferred to 2nd Division, Oudh Survey, and from 13th November 1866 to North-Western Frontier Survey Party in the Punjab; joined the Staff Corps on the 9th May 1867; served in the Punjab till 1870; furlough to England from 14th March 1870 to the 16th February 1872; rejoined his appointment at Nagpur as Assistant Superintendent of Surveys on 21st February 1872; held charge of the 2nd Division, Central Provinces Revenue Survey, from 19th June to 10th August 1872; from 1st October 1872 was transferred to the Moradabad Cadastral Survey; in March 1873 was transferred to Bengal, and took over charge of the Midnapur Survey from 21st March 1873; promoted to Captain, 7th June 1873; made over charge of the Midnapur Survey in December 1873, and proceeded to join the Goalparah Survey in Assam; in October 1874 was appointed to the Behar Irrigation Survey as Assistant Superintendent; from 1st October 1875 obtained charge of the Darjeeling Waste Lands Survey, which after two months was converted into Dhanwar Estate Survey; with this party surveyed cadastrally the Dhanwar Estate in Hazaribagh, a portion of the Chota Nagpur Estate in Lohardugga and the Government Estate of Barkagarh in Lohardugga; from the 1st December 1878 assumed charge of the British Burma Cadastral Survey; was promoted to Officiating Deputy Superintendent, 3rd grade, Survey of India, from 15th May 1876 to 7th November 1876, and from 14th July 1877 to 31st December 1877; officiated as a Deputy Superintendent, 3rd grade, from 1st January 1878; was promoted to Deputy Superintendent, 3rd grade, Survey of India, from 1st January 1879; promoted to rank of Major, 7th June 1881; furlough to Europe from 9th August 1881 to 30th October 1882; appointed to do duty in the Head-quarters Office, Calcutta, from 4th November 1882; received personal allowance of R100 until promotion to Deputy Superintendent, 2nd grade, 15th February 1883; assumed charge of Mirzapur and Gorakpur Districts Cadastral Survey, North-Western Provinces, from 1st November 1883; Officiating Deputy Superintendent, 2nd grade, from 24th September 1884 to 18th February 1887; confirmed 19th February 1887; promoted to Lieutenant-Colonel, 7th June 1887; overstayed privilege leave by three days in October 1887.

War Services.—Served with the Black Mountain Expedition in Hazara under Major-General Alfred Wilde, from 15th August to 31st October 1868; was present at the advance from Munna Kaduna, and the taking of the Machai Peak; assisted in surveying the route taken by the force, and the surrounding country, under the direction of Colonel H. C. Johnstone, and compiled a map of the same—received the Frontier medal.

COLONEL W. F. BADGLEY, *Bengal Staff Corps, Deputy Superintendent, 3rd Grade.*—Joined the service, 4th April 1857, arrived in Calcutta, 15th May 1857; doing duty with Her Majesty's 88th and 53rd Regiments to 25th November 1858; Lieutenant, 18th May 1858; Oudh Military Police, 26th November 1858; Adjutant, 26th Punjab Infantry, to 11th April 1865; appointed to the Topographical Survey on 8th May 1865, and joined No. 5 Party, employed in Rewah and Bundelcund, and remained with that party till October 1868; Assistant Superintendent of Survey, 8th May 1868; Captain, 4th April 1869; furlough, 23rd January 1869 to 21st January 1871; joined and received charge of No. 6 Topographical Party; employed in the Khasi, Garo, and Naga Hills on 8th June 1871, and remained in charge of that party up to 9th March 1882, with the exception of a period from October 1874 to August 1875, during which Major Godwin-Austen had charge; Major, 4th April 1877; on furlough to Europe for one year from 10th March 1882; extension for one year and 3 days; Lieutenant-Colonel, 4th April 1883; returned to duty, 13th March 1884, and took charge of Guzerat Party on 25th March 1884; Officiating Deputy Superintendent, 2nd grade, from 1st October 1884 to 15th November 1885, from 5th February to 8th March and from 10th March 1886 to 29th November 1887; Officiating Assistant Surveyor General in charge, Photographic and Lithographic Offices, from 21st March 1886 to 28th October 1886; assumed charge of Madras Survey on 4th November 1886; promoted to Colonel, 4th April 1887. Furlough, private affairs, for 1 year, from 29th June 1888.

War Services.—Served as Ensign and Lieutenant in Central India and Oudh under Sir Hope Grant and Sir Colin Campbell; entered Cawnpore with the first detachment of the relieving force during the siege by the Gwalior contingent; on escort duty to Lucknow during the final siege, and present at several small engagements during the mutiny; employed with a party of the Military police on the Nepal frontier in attempting to capture the Nana; served in charge of the survey party with the northern column of the Lushai expedition and in some minor affairs on the Eastern frontier, and in one of these received four wounds—medals and clasp; mentioned in despatches and received the thanks of Government on several occasions.

BREVET LIEUTENANT-COLONEL T. H. HOLDICH, *Royal Engineers, Deputy Superintendent, 3rd Grade.*—Commissioned Lieutenant, R.E., 17th December 1862; arrived in India, 3rd March 1865; appointed Assistant to Officer in charge, Field Survey Operations in Bhutan, October 1865; appointed Assistant Superintendent, 2nd grade, Topographical Survey of India, 23rd July 1866, and attached to the Rajputana party; assisted to make the first surveys of the Sambhur Lake District; attached to special party for service in Abyssinia, December 1867; proceeded to England on special duty from Abyssinia, June 1868; Assistant Superintendent, 1st grade, 15th December 1868; returned to India on 4th May 1869, and joined Gwalior and Central India Topographical Survey; acted in charge of the party from 1871 to 1873; Officiating Deputy Superintendent, 3rd grade, from 11th August to 3rd November 1873, and again from 15th December 1873 to 14th May 1877; appointed to charge of Vizagapatam Agency and Central Provinces Survey on 15th December 1873; completed the survey of districts east of the Godavari river, including part of Bustar and Gondwana; Captain, 4th June 1876; furlough to England for 2 years when the party was broken up, 14th May 1877; recalled for service with Southern Afghanistan Field Force in December 1878; Officiating Deputy Superintendent, 3rd grade, from 15th January to 13th June 1879, and from 1st November 1879 to 28th April 1883; Brevet Major, 2nd March 1881; special leave to England for 3 months, from 1st November 1880; assumed charge of the Kohat District Topographical survey on 15th February 1881; Deputy Superintendent, 4th grade (new), 1st July 1882; Deputy Superintendent, 3rd grade, 29th April 1883, completed survey of Kohat District in April 1883, having carried out the following trans-frontier explorations and surveys whilst in charge of the party—Survey of the unmapped portions of the Adamkhel Afridi country—exploration of passes leading from Meranzai valley into the Urakzai Hills—survey of Kaffir-Kot at all passes from Bannu, crossing the frontier to north and west, completing the frontier survey to Bannu—exploration of route from Bannu to Ghazni, including survey of Darwar, Birmal, and country west of Waziristan—survey of Gomal river and contiguous passes to junction of Zhob and Gomal—survey of Takht-i-Suliman mountain and passes north of it, including the Sherani country—exploration of Eastern Afghanistan to Lake Abistada—survey of the Vehowa basin and routes across the Suliman range, thus completing the frontier survey as far south as Vehowa; appointed to charge of Baluchistan frontier party in October 1883; furlough to Europe for 1 year from 8th March 1884; recalled for service with the Zhob valley expedition in July 1884; transferred to charge of Afghan Boundary survey in September 1884. Officiating Deputy

Superintendent, 2nd grade, from 3rd December 1884 to 6th November 1885 and from 21st April to 19th November 1886; returned to India, 1st November 1886; on duty at India Office for writing Afghan Boundary Commission report for 4 months, from 25th November 1886. Availed himself of the unexpired portion of furlough from 25th March 1887. Extension on medical certificate, from 10th November 1887 to 14th April 1888. Brevet Lieutenant-Colonel, 16th February 1887. Posted to the charge of Trigonometrical Branch, Drawing Office, on 14th April 1888.

War Services.—Served on special duty during the Bhutan campaign from October 1865 to close of campaign; present with the Buxa column to its farthest advance, and subsequently with the Dewangiri column; despatches not published—frontier medal and clasp for Bhutan; served on special survey duty during the Abyssinian campaign from December 1867 to close of campaign; mentioned in despatches, and services commended by Secretary of State for War—medal. Served on special survey duty during the first period of the Afghan campaign in Southern Afghanistan; completed the Topographical survey of the Kadanai valley and the route from Pishin to India *viâ* Thal-Chotiali; mentioned in despatches; services commended by Governor General in Council and Secretary of State for India; appointed to charge of survey operations in Northern Afghanistan during second period of campaign; present at Kabul during the winter of 1879-80; siege and defence of Sherpur; appointed Assistant Field Engineer during the defence; mentioned in despatches; present during the occupation of the Lughman Valley, expeditions to Kohistan, Logar, Wardak, &c.,—medal with clasp for Kabul; services commended by Governor General in Council and Secretary of State for India; Brevet Major, March 1881; served in charge of survey operations during the Waziri expedition of 1881; present during skirmish when survey party was attacked on Shaidar mountain; mentioned in despatches; Takht-i-Suliman survey expedition, December 1883; led the flanking party up the mountain by night, which dispersed the Kedarzais who held the summit.

Literary Work.—Contributed to the records of the Royal Geographical Society and the Encyclopædia Britannica on the subject of the geography of Afghanistan and the Indian frontier; contributed also occasional papers to the journal of the Royal United Service Institute, of which the principal was a paper read in 1878 advocating instruction in Indian and continental methods of topography at the military schools of England; instruction in the use of the plane table being now universal, this paper may possibly claim to have been useful towards its introduction. Lectures on Geographical Surveying at Royal Engineers Institute, Chatham, in February 1888. Received the Gold Medal of the Royal Geographical Society for Afghan Boundary Commission Surveys in May 1887.

Lieutenant-Colonel James Waterhouse, *Bengal Staff Corps, Deputy Superintendent, 3rd Grade, and Assistant Surveyor General.*—Joined the service as 2nd Lieutenant, Bengal Artillery, 10th June 1859; arrived in the country, 11th October 1859; services placed temporarily at the disposal of the Foreign Department for special duty, 15th November 1861; left regimental duty, 16th January 1862; returned to regimental duty, 21st December 1862; appointed Officiating Commissary of Ordnance, 3rd class, 13th April 1866; services placed at the disposal of the Government of Bengal, 5th June 1866; appointed Assistant Revenue Surveyor, Lower Provinces, 27th June 1866; services placed at the disposal of the Government of India, Home Department, 7th July 1866; appointed Assistant Surveyor with superintendence of the photo-zincographic operations in the Office of the Surveyor General of India, 18th July 1866; joined the Surrey Department, 22nd July 1866; leave on medical certificate to Europe, 25th March 1867 to 17th February 1869; re-appointed Assistant Surveyor, 2nd grade, 17th February 1869; gazetted Lieutenant in Bengal Staff Corps, 9th October 1869; promoted to 1st grade Assistant Superintendent of Survey from 17th June 1870; promoted to Captain, Staff Corps, 10th June 1871; attached to Colonel Tennant, R.E, for duty with the Indian Eclipse Expedition from 21st November 1871 to 8th January 1872; attached to Colonel Tennant, R.E., for duty in observing the Transit of Venus from 10th October 1874 to 1st January 1875; in charge, Indian Eclipse Expedition to Nicobar Islands from 11th March to 18th April 1875; Officiating Deputy Superintendent of Survey, 3rd grade, from 26th March 1875; reverted to Assistant Superintendent, 1st grade, 19th September 1876; Officiating Deputy Superintendent of Survey, 3rd grade, from 23rd November 1877 to 6th January 1878; reverted to Assistant Superintendent, 1st grade, 7th January 1878; Officiating Deputy Superintendent, 3rd grade, from 1st February 1878; on special duty in Europe from 10th October 1878 to 8th November 1878; Officiating Deputy Superintendent, 3rd grade, from 9th November 1878 to 6th May 1879, and from 1st November to 11th December 1879; furlough to Europe on private affairs from 12th December 1879; resumed charge of the Photographic Office of the Surveyor General's Office, Calcutta, 26th December 1881; Officiating Deputy Superintendent, 3rd grade, from 26th December 1881; promoted to Deputy Superintendent (new), 4th grade, 1st July 1882; continued to officiate as Deputy Superintendent, 3rd grade,

up to 9th January 1884; confirmed 10th January 1884; Officiating Deputy Superintendent, 2nd grade, from 3rd December 1884 up to 6th November 1885; promoted to the rank of Lieutenant-Colonel, 10th June 1885; furlough to Europe for 250 days from 21st March 1886: extension for 18 days; returned from furlough, 14th December 1886; resumed charge of the Photographic and Lithographic Offices of the Survey of India Department, Calcutta, 17th December 1886. Officiating Deputy Superintendent, 2nd grade, from 1st January 1887 up to 23rd October 1887.

Literary Works.—Wrote a report on the Cartographic Applications of Photography as used in the Topographical Departments of the Principal States in Central Europe, containing notes on the European and Indian Surveys, and on the application of Photography to surveying—published by the Superintendent, Government Printing, Calcutta, 1870; also a pamphlet on "The application of Photography to the Reproduction of Maps and Plans by Photo-mechanical and other Processes" originally submitted to the Geographical Congress at Paris in 1875, but published, *in extenso*, in the Journal of the Asiatic Society of Bengal, Part II, No. 2, 1878; also papers relating to Surveys in Afghanistan, Tidal Surveys, Spectroscopic Photography and Photo-mechanical Printing in Asiatic Society's Journal, and a series of papers on Photozincography published in the Photographic News, 1881 to 1884.

MAJOR MALCOLM W. ROGERS, *Royal Engineers, Deputy Superintendent, 3rd Grade.*—Joined the service as a Gentleman Cadet in February 1860; appointed Lieutenant in the Royal Engineers, 18th December 1861; served as Division Officer, Cork, Ireland, from 1864 to 1865; landed in India, 20th October 1865; served with the Bengal Sappers and Miners until 4th July 1866; appointed Assistant Surveyor, 2nd grade, Great Trigonometrical Survey of India, on 5th July 1866; promoted to Assistant Surveyor, 1st grade, 5th December 1868; Officiating Deputy Superintendent, 3rd grade, from 18th December 1870; reverted to Assistant Superintendent, 1st grade, 1st November 1872; Officiating Deputy Superintendent, 3rd grade, from 6th April 1873; furlough on private affairs from 1st November 1873; Captain, 11th December 1873; returned to India and appointed Officiating Deputy Superintendent, 3rd grade, 28th October 1874; reverted to Assistant Superintendent, 1st grade, from 1st January 1878; Officiating Deputy Superintendent, 3rd grade, from 15th February 1878; reverted to Assistant Superintendent, 1st grade, 26th April 1879; Officiating Deputy Superintendent, 3rd grade, 12th December 1879; furlough to Europe for 1 year and 4 days, 1st May 1880; returned from furlough, 15th June 1881; Officiating Deputy Superintendent, 3rd grade, 15th June 1881; promoted to rank of Brevet Major, 2nd March 1881; to Major, 18th December 1881; and to Deputy Superintendent (new), 4th grade, 1st July 1882; continuing to officiate as Deputy Superintendent, 3rd grade; officiated as Assistant Surveyor General, in charge Mathematical Instrument Office and Correspondence Office, Headquarters, Calcutta, from 19th April 1883; confirmed 23rd May 1884; confirmed as Deputy Superintendent, 3rd grade, 7th August 1884; furlough to Europe for 1 year and 185 days from 21st March 1886. Returned from furlough on the 18th September 1887 and posted on duty in the Trigonometrical Branch Office at Dehra Dun on the 26th September 1887. In charge computing party from 6th January to 9th April 1888. Posted to No. 25 Party (Tidal and Levelling) from 10th April, and assumed charge thereof on 16th May 1888.

War Services.—Served as Survey Officer with the 1st Division of the Quetta Field Force under Lieutenant-General D. Stewart, C.B., from 12th November 1878 to November 1879—mentioned in despatches—medal—brevet of Major.

MAJOR J. HILL, *Royal Engineers, Deputy Superintendent, 3rd Grade.*—Obtained his commission as Lieutenant in the Royal Engineers; joined at Chatham on the 25th June 1862 and after serving at the S. M. E., Chatham, and on the Plymouth Defences, arrived in India on the 10th December 1865; joined Bengal Sappers and Miners at Roorkee, 27th January 1866; appointed Assistant Surveyor (then designation for Assistant Superintendent), 2nd grade, Great Trigonometrical Survey of India, 4th December 1866; posted to Kumaon and Garhwal Series, Great Trigonometrical Survey, 28th December 1866; sick leave to Europe from 11th November 1868 to 30th October 1869; promoted to Assistant Superintendent, 1st grade, Great Trigonometrical Survey, 30th October 1870; assumed charge of the Kumaon and Garhwal Series, 11th February 1871; Officiating Deputy Superintendent, 3rd grade, 1st April 1871: reverted to substantive appointment of Assistant Superintendent, 1st grade, 4th April 1872; Officiating Deputy Superintendent, 3rd grade, 23rd August 1873; relieved of charge of Kumaon and Garhwal Series, 1st October 1873; assumed charge of Bombay Party, 28th October 1874; Local Captain, 25th June 1874; reverted to substantive appointment of Assistant Superintendent, 1st grade, 28th October 1874; relieved of charge of Bombay Party, 19th October 1879; furlough to Europe from 20th January 1875 to 27th January 1877; promoted to Captain, 16th September 1875; rejoined appointment in India, 28th January 1877; assumed charge of the Eastern Frontier Series, 17th March 1877; Officiating Deputy Super-

intendent, 3rd grade, 1st April 1878; reverted to substantive appointment of Assistant Superintendent, 1st grade, 22nd April 1879; furlough to Europe for 182 days, 26th May 1879; returned from furlough and resumed charge of Eastern Frontier Series, 25th December 1879; Officiating Deputy Superintendent, 3rd grade, from 9th April 1880; promoted to Major, 25th June 1882; Deputy Superintendent, 4th grade, 1st July 1882; continued to officiate as Deputy Superintendent, 3rd grade, up to 8th January 1883, and again officiated in the same grade from 12th February 1883 up to 30th September 1884; assumed charge of Tidal and Levelling Party, 4th April 1884; attached to Afghan Boundary Commission, 1st September 1884; promoted to Deputy Superintendent, 3rd grade, 1st October 1884; assumed charge of Konkan Topographical Survey Party, 2nd October 1884; temporarily transferred to the charge of the Tidal and Levelling Party, 6th July 1885; resumed charge of South Maratha Topographical Survey Party, 23rd October 1885; re-transferred to Tidal and Levelling Party, 29th December 1885, and assumed charge thereof, 20th January 1886; Officiating Deputy Superintendent, 2nd grade, from 22nd April to 31st October 1886 and from 20th November to 8th December 1886, and again from 15th May 1887 up to 29th August 1887. Furlough to Europe for 1 year and 5 months, from 18th May 1888.

HENRY HÖRST, *Deputy Superintendent, 3rd Grade.*—Appointed Librarian and Accountant to the Thomason Civil Engineering College, Roorkee, 1st January 1853 up to 31st August 1854; appointed as a 3rd class Sub-Assistant in the Great Trigonometrical Survey (without break of service), 1st September 1854; transferred to the Topographical Survey on Major-General Sir A. Waugh's retirement; promoted to the Senior Department, 1st April 1868; officiated as Surveyor, 3rd grade, from 16th October 1868 to 4th April 1869; promoted to Assistant Superintendent, 1st grade, 1st October 1869; officiated as Deputy Superintendent, 3rd grade, from 1st January to 11th October 1879; furlough to Europe for 2 years from 5th June 1879; extension for 3 months, with further extension on subsistence allowance, till 12th September 1882; promoted to Deputy Superintendent (new), 4th grade, 1st July 1882; Officiating Deputy Superintendent, 3rd grade, from 13th September up to 31st December 1882, and from 14th March 1883 up to 9th November 1884; confirmed, 10th November 1884. Services—Assisted in the Topographical Survey of the Jhelum and Rawal Pindi Districts till its completion; Gwalior and Central India Survey, Rajputana Survey, and in charge of same for nine months; Simla Survey, Bhopal and Malwa Survey; appointed to the charge of No. 2 Topographical Party or Khandesh and Bombay Native States Survey, 18th October 1874 to 4th June 1879; in charge of No. 7 Topographical Party from 14th December 1882, and commenced survey of Reserved Forest Tracts in Burma; Officiating Deputy Superintendent, 2nd grade, from 4th May to 17th August 1886. Furlough for 18 months from 1st December 1887.

War Services.—In charge of picket which repulsed night attack on the Murree Sanitarium in September 1857—Mutiny medal; gave information, through Captain W. G. Murray, to the General Commanding the Agra Division in 1862, which led to the seizure of Harbuns Ram, Soubah of Dholpur, and dispersion of 6,000 troops he had quietly collected in the Chumbal ravines for a revolt.

WILLIAM HAMMOND COLE, M.A., CANTAB, F.R.A.S., F.R.G.S., *Deputy Superintendent, 3rd Grade.*—Appointed to the Educational Department, North-Western Provinces, direct from England, 14th April 1862, as Professor of Mathematics at the Government College, Agra; sick leave from 9th September to 8th November 1863; permitted to resign appointment from 1st March 1864 on account of continued ill-health; after nearly three years' residence at Mussooree as Mathematical Master at Mr. Maddock's School, was re-appointed to the Government service, 3rd January 1867 as Probationary Assistant Surveyor in the Great Trigonometrical Survey of India, and Assistant to the Officer in charge of the Computing Office, being at the same time placed in charge of the Photozincographic Branch of the Computing Office, Dehra; appointed Assistant Surveyor, 2nd grade, on 1st September 1867; conducted the duties of the Computing Office in all its branches from middle of December 1867 to beginning of April 1868, during the absence of Mr. J. B. N. Hennessey, M.A.; designation changed to Assistant Superintendent of Survey, 1st September 1869; promoted to 1st grade, 4th December 1870; officiated as Deputy Superintendent, 3rd grade, from 1st April 1871 to 16th December 1871; officiated again in this grade from 2nd November 1873 to 30th September 1874; officiated again as Deputy Superintendent, 3rd grade, and held charge of the Computing Office from 4th January 1875 to 27th March 1876; furlough on private affairs from 27th March 1876 to 21st March 1877; on amalgamation and reduction of the three branches of the Survey Department on the 1st January 1878, reverted to the 2nd grade of Assistant Superintendent officiating in 1st grade; again promoted to 1st grade, 27th October 1878; officiated as Deputy Superintendent, 3rd grade, from 14th December 1880 to 14th June 1881, and again from 24th April to 14th May 1882; promoted to Deputy Superintendent, 4th grade, 1st July 1882; officiated as Deputy Superintendent, 3rd grade, from 7th November to 5th December 1882, and again from 20th April

1883 to 27th November 1884; officiating in charge Head-quarters Office, Dehra Dun, and Survey Detachment in Kashmir, 12th February 1883; confirmed with effect from 12th January 1884; promoted to Deputy Superintendent, 3rd grade, 28th November 1884. Charge of Coast Party from 1st July to 1st August 1887 in addition to his other duties. Furlough to Europe for 1 year, from 12th January 1888.

Literary Works.—Took part in the compilation of Volumes I to IV, IVA, and VI to VIII of the "Account of the Operations of the Great Trigonometrical Survey of India," to which he contributed several Mathematical and Scientific papers in the form of Appendices, also in the compilation of the 21 Volumes of "Synopsis of the Results of the Operations of the Great Trigonometrical Survey of India;" translated from the German, "Hansen's Treatise on the Method of Minimum Squares generally and in its Application to Geodesy," in connection with the final reduction of the triangulation of India by this method; also made several other translations of a minor character in connection with his official work.

MAJOR ANDREW WILSON BAIRD, F.R.S., A.I.C.E., F.R.G.S., *Royal Engineers, Deputy Superintendent, 3rd Grade.*—Joined the service, 18th December 1861 as Lieutenant, R.E.; arrived in India, 4th March 1863; served with the Bombay Sappers and Miners from 2nd April till 4th May 1864, when he was appointed to Bombay Public Works Department as Probationary Assistant Engineer; Assistant Engineer, 2nd grade, 28th March 1865; promoted to 1st grade, 1st April 1865; employed up to December 1865 in the Harbour Defences of Bombay, and held charge of the works at Ponpir and the construction of the Middle Ground and Oyster Rock batteries; appointed Special Assistant for Reclamations, 7th December 1865; constructed the Workshops and Boat Basins, and erected all the machinery for the Government Reclamation Works at Mody Bay; promoted to Executive Engineer, 4th grade, 2nd October 1867; appointed Assistant Field Engineer with the Abyssinian expedition, 30th January 1868; returned from Abyssinia, July 1868; continued under Military Department till November 1868, to arrange for the disposal of the Railway stores and Engineer stores and plant, sent back from Abyssinia; appointed to the Trigonometrical Survey of India as Assistant Surveyor (corresponding to present Assistant Superintendent), 2nd grade, 4th December 1868; employed on Triangulation in the Kattywar and Guzerat Parties, 1868 to 1870; furlough to England for one year and 7 months on medical certificate, 14th May 1870; in July 1871, while on furlough, was specially employed by order of the Secretary of State to study the practical details of Tidal observations, and their Reductions by Harmonic Analysis, as carried on under the superintendence of Sir William Thomson; promoted Assistant Superintendent, 1st grade, October 1871; on return to India in April 1872 did duty with the Kattywar Party; in November 1873 organized the Bombay Tidal and Levelling Party; employed until March 1874 in carrying out a reconnaissance of the Gulf of Cutch and in selecting sites for the three Tidal observatories, and afterwards engaged in Bombay in fitting up, modifying, and testing the Tide gauges; Local Captain, 18th December 1873; Captain, 4th April 1874; under the re-organization of the Department, reverted to Assistant Superintendent, 2nd grade, May 1874; completed the Tidal observations on Gulf of Cutch, and dismantled the observatories in June 1875; employed on the connected Levelling Operations in Kattywar and Guzerat up to the end of season 1875-76; on special duty in England from September 1876 to May 1877, carrying out the calculations for reducing total observations of Gulf of Cutch; by order of the Secretary of State remained at Aden (*en route* to India) to report on the Tidal observations which had been taken there by the Public Works Department, and to arrange for future observations; returned to India, June 1877; in July 1877, was appointed to the general superintendence and control of Tidal observations upon the Indian coasts, and was empowered to make all arrangements in direct communication with the Governments of the Maritime provinces; these operations have gradually been extended until twenty Tidal observatories (in India, Burma, and Ceylon) have been simultaneously at work, and some six thousand miles of Levelling operations of precision have been carried out; promoted to Assistant Superintendent, 1st grade, 1st January 1879; on deputation as Commissioner, Venice Geographical Congress and Exhibition in August and September 1881; the Survey of India exhibited a complete set of Tidal apparatus, diagrams, &c., and thus was represented in class II, Hydrography, in which class a Diploma of Honour was awarded to the Department; furlough to Europe for 1 year and 148 days from 16th October 1881; promoted to Major, 18th December 1881; Deputy Superintendent, 4th grade (new), 1st July 1882; returned from furlough and resumed charge, Tidal and Levelling Operations, 20th April 1883; Officiating Deputy Superintendent, 3rd grade, from 29th May 1883 to 3rd April 1884; leave to Europe on urgent private affairs, 4th April 1884 to 28th September 1884; Officiating Deputy Superintendent, 3rd grade, and resumed charge, Tidal and Levelling operations, from 1st October 1884; Officiating Master of the Mint, Calcutta, from 11th July to 12th October 1885, and from February to 30th September 1886; Officiating Mint Master, Bombay, from 1st October 1886 to 5th January 1887. Reverted to the Survey Department, and after return from privilege leave appointed to officiate as Assistant Surveyor General,

from 8th June 1887. Furlough, private affairs, for 1 year 1 month and 28 days, from 11th November 1887 afternoon.

War Services.—Served with the Abyssinian Field Force in 1868 as Assistant Field Engineer and appointed Traffic Manager of the Railway; mentioned in despatches for zeal and management in bringing safely and expeditiously troops and baggage for embarkation—medal.

Acknowledgment of Services by Government.—Thanks of Government of Bombay for articles in the *Bombay Gazetteer* on Gulf of Cutch and Little Runn,—G. O. No. 139, 13th July 1881; thanks of Government of Bombay for contribution to the Statistical Account of Kattywar in the *Bombay Gazetteer*, G. O. No. 2744, 4th August 1884; recommended to the Secretary of State by Sir H. Thuillier, the Chief of the Indian Commission, that services at the Venice Congress should be suitably recognized; Secretary of State's cordial acknowledgments of the same, letter No. 1347, 15th December 1881, and thanks of Government of India also conveyed in No. 11 Ex., Revenue, Agriculture, and Commerce Department, 13th January 1882; special mention of services in Government of India Resolution of Great Trigonometrical Survey Operations in 1873-74, also in 1874-75; elected Fellow, Royal Society, May 1885; medal of the 1st class awarded by the Geographical Congress at Venice in 1881 for organization and improvements in Tidal Observations; elected Associate Institute Civil Engineers, May 1881.

Literary Work of a Public or Official character.—Articles on the Gulf of Cutch, Little Runn, and Gulf of Cambay for the *Bombay Gazetteer*. Notes on the Harmonic Analysis of Tidal Observations published by order of the Secretary of State, London, 1872. Paper on the Tidal Observations of the Gulf of Cutch read before the British Association, 1876. Account of the Tidal Disturbances caused by the Volcanic Eruption at Krakatoa (Java) in August 1883, presented to the Royal Society. Auxiliary Tables (two Pamphlets) to facilitate the calculations of Harmonic Analysis of Tidal Observations published in India, 1879 and 1882. Joint Report with Professor G. H. Darwin, F.R.S., &c., &c., of the results of the Harmonic Analysis of Tidal Observations presented to the Royal Society and reprinted from their Proceedings, March 1885. Account of the Spirit-Levelling Operations of the Great Trigonometrical Survey of India read before the British Association in 1885, and afterwards printed among the supplementary papers of the Royal Geographical Society. Manual of Tidal Observations published at the expense of the British Association. Tide Tables for India Ports prepared annually by Major Baird and Mr. Roberts of the Nautical Almanac Office by order of the Secretary of State for India.

MAJOR J. R. MCCULLAGH, *Royal Engineers, Deputy Superintendent, 3rd Grade.*—First commission, 18th December 1861; joined at Chatham, February 1862; joined at Belfast, June 1864; landed at Calcutta, 20th October 1865; joined Head-quarters, Bengal Sappers and Miners, Roorkee, 27th October 1865; Officiating Doing Duty Officer, 27th January 1866; Command of Detachment, 1st and 3rd Companies, B. S. and M., at Peshawur, 30th April 1866; passed Lower Standard, Hindustani; Permanent Doing Duty Officer, 4th July 1867; Officiating Adjutant and 2nd in-Command, B. S. and M., 17th April 1868; appointed to the Public Works Department, 6th November 1868; appointed to the Great Trigonometrical Survey of India, 1st March 1869, as Assistant Surveyor, 2nd grade; officiating in charge, Guzerat Party, ten months, 1870-71; Assistant Superintendent, 1st grade, 1st January 1872; Captain, 11th December 1873; under the re-organization, became Assistant Superintendent, 2nd grade, 1st April 1874; furlough to Europe from 1st November 1873 to 27th October 1874; Officiating Assistant Superintendent, 1st grade, 28th October 1874; charge of No. 1 Extra Party, 13th November 1874; Officiating Assistant Superintendent, 1st grade, in charge No. 9 Party, Mysore Topographical Survey, 1st August 1875; reverted, 12th April 1877; Officiating Assistant Superintendent, 1st grade, in charge No. 8 Party, Mysore Topographical Survey, 27th April 1877; furlough to Europe, with six months' duty at Chatham in addition, from 5th November 1877 to 5th May 1879; Officiating Assistant Superintendent, 1st grade, 6th May 1879, and attached to Mysore Topographical Survey; promoted to Assistant Superintendent, 1st grade, on 14th December 1880; joined Hanthawaddy District Cadastral Survey in British Burma on 2nd June 1881, and received charge of party on 1st August 1881; promoted to Major, 18th December 1881; Deputy Superintendent (new), 4th grade, 1st July 1882; Officiating Deputy Superintendent, 3rd grade, from 1st November 1883 to 23rd March 1884, and again from 4th April to 15th March 1886; assumed charge of Mysore Topographical Survey, 20th March 1884; furlough to Europe for one year, from 26th March 1886, on medical certificate; extension of 6 months. Further extension of 6 months. Deputy Superintendent, 3rd grade, from 1st January 1887. Returned from furlough and held temporary charge of No. 4 Party (Basti) from 25th January to 4th May 1888. Transferred to No. 19 Part (Madras), from 5th May 1888, and assumed charge on the afternoon of 20th June 1888.

War Services.—Appointed Assistant Field Engineer to the Bhutan Field Force, and to command No. 2 Company, B. S. and M., 3rd January 1866—medal and clasp.

LIEUTENANT-COLONEL JOHN RANDAL WILMER, *Bengal Staff Corps, Deputy Superintendent, 3rd Grade.*—Joined the service as Lieutenant in the Royal Artillery on the 22nd June 1859; joined the Battery at Guernsey, 1st August 1859; arrived in India on 27th October 1860; Acting Adjutant, 11th Brigade, Royal Artillery, for one month, May 1863; held command of G-11, Royal Artillery, from 22nd September 1864 till 24th March 1866 (one year and six months); leave on private affairs, 7th May 1866 to 7th August 1866 (three months); Acting Adjutant, 11th Brigade, September and October 1867; embarked for England with G-11, Royal Artillery, on 20th November 1867; leave on private affairs, 18th February 1868 to 18th April 1868; returned to India and joined 3-22nd Royal Artillery, 28th April 1869; officiated as a 3rd class Commissary of Ordnance, from 22nd June 1869 to 23rd August 1869; appointed to Staff Corps, 24th August 1869; Assistant Superintendent, Topographical Survey, 24th August 1869; sick leave from 19th December 1871 to 2nd March 1872; promoted to Brevet Captain, 22nd June 1871; promoted to Assistant Superintendent, 1st grade, Topographical Survey, 28th August 1872; substantive Captain in Staff Corps, 24th August 1873; appointed to charge of No. 5 Topographical Survey Party, 12th October 1874; reverted to Assistant Superintendent, 2nd grade, on amalgamation of the Surveys; Officiating Assistant Superintendent, 1st grade, 1st January 1878; promoted to Major, 22nd June 1879; promoted to Assistant Superintendent, 1st grade, 24th April 1882; promoted to Deputy Superintendent (new), 4th grade, 1st July 1882; Officiating Deputy Superintendent, 3rd grade, from 5th to 13th March, 30th April to 8th May, 7th to 24th August, and from 24th September 1884 up to 31st October 1886; promoted to the rank of Lieutenant-Colonel, 22nd June 1885; appointed to charge of Baluchistan Survey Party from 1st October 1885 to 31st October 1886; furlough to Europe for 1 year, from 10th November 1886, on medical certificate. Extension of 6 months. Further extension for 6 months. Promoted to Deputy Superintendent, 3rd grade, 19th February 1887.

LIEUTENANT-COLONEL S. H. COWAN, *Bengal Staff Corps, Officiating Deputy Superintendent, 3rd Grade.*—Cadet at the Military College, Addiscombe, from January 1858; received commission as Lieutenant, Bengal Artillery, 9th December 1859; arrived in India, 9th April 1860; served with Bengal Artillery Depôt at Meerut, April 1860; posted to 4th Company, 3rd Battalion, Bengal Artillery; served with D Battery, 16th Brigade, Royal Artillery, February 1861; appointed in the Ordnance Department, 4th October 1866; admitted to Staff Corps, 19th January 1867; appointed Assistant Superintendent, 3rd grade, in the 4th Division Survey, Bengal, 19th January 1867; appointed Assistant Superintendent, 2nd grade, 17th March 1868; went on furlough to Europe, 30th May 1870; promoted to Captain (Brevet), 9th December 1871; returned from furlough, 3rd May 1872; transferred to 1st Division (Assam) Survey, 1st June 1872; promoted to Captain, 24th December 1872; went on sick leave to Europe, 16th July 1875; returned from Europe, 7th November 1876; transferred to Behar Irrigation Survey, 30th November 1876; transferred to Head-quarters Office, 1st March 1878; transferred to take charge of Cachar Survey, 23rd November 1878; transferred to Head-quarters Office, Photographic Branch, 14th November 1879; promoted to Major, 9th December 1879; on special duty, Surveyor General's Office, Photographic Branch, Calcutta, from 26th December 1881; assumed charge, Hooghly River Survey, 7th April 1882, and held it up to 24th July 1883; Assistant Superintendent, 1st grade (new), 1st July 1882; personal allowance of ₹100, 1st April 1881 till promotion to Deputy Superintendent, 2nd grade; Officiating Deputy Superintendent, 4th grade (new), from 1st July 1882 up to 28th April 1883, and confirmed in that grade, 29th April 1883; furlough to Europe from 7th August 1883; assumed charge of Benares and Basti Districts (Cadastral) Survey, North-Western Provinces, from 11th December 1883; Officiating Deputy Superintendent, 3rd grade, from 6th to 13th March 1884, and again from 16th September 1884 to the present time; promoted to Lieutenant-Colonel, 9th December 1885.

LIEUTENANT-COLONEL EDWARD HARRIS STEEL, *Bengal Staff Corps, Officiating Deputy Superintendent, 3rd Grade.*—Received commission as Lieutenant, Bengal Artillery, from the Royal Military College at Addiscombe on 8th June 1860; arrived in India, 11th October 1860; leave on medical certificate to hills north of Kumaon from 10th June to 1st November 1861; leave on medical certificate to Europe from May 1865 to June 1866, after Bhutan campaign; appointed Assistant Superintendent of Survey, 2nd grade, Survey Department, 1st February 1867, in Assam; leave to Europe on medical certificate, December 1867 to December 1868; returned to Regiment of Royal Artillery; re-appointed and rejoined Survey Department as Assistant Superintendent, 2nd grade, on 26th January 1869; admitted to Staff Corps, 26th January 1869; Captain, Staff Corps, 26th January 1873; in charge 2nd Division, Revenue Branch, from 2nd November 1876 to 19th April 1877, and again from 18th July to 18th November 1877; Officiating Assistant Superintendent, 1st grade, from 1st to 11th January

1878, again from 1st February to 6th May 1879; Officiating Assistant Surveyor General, 17th March 1878 to 9th October 1879; Officiating Assistant Superintendent, 1st grade, from 20th June to 10th October 1879; in charge of Gwalior and Central India Topographical Party from 20th October 1879 to 18th October 1880; promoted to Major, 8th June 1880; Officiating Assistant Superintendent, 1st grade, from 1st November 1879 to 7th December 1881; personal allowance of ₹100, 1st April 1881 until promotion to Deputy Superintendent, 2nd grade; transferred to charge of Bassein District Survey from 20th November 1880; furlough on medical certificate from 8th December 1881; extension for 6 months; further extension for 4 months and 10 days; Assistant Superintendent (new), 1st grade, 1st July 1882; returned from furlough, 22nd October 1883; Officiating Deputy Superintendent, 4th grade, from the same date; assumed charge of Aligarh and Etah Districts Topographical Survey, North-Western Provinces, 27th October 1883 to 26th January 1884; confirmed as Deputy Superintendent, 4th grade, from 10th January 1884; superintending detached parties working in Dehra Dun, Chattisgurh, and Ajmere, from 27th January 1884; resumed charge of Aligarh and Etah Districts Topographical Survey, North-Western Provinces, 7th August 1884; Officiating Deputy Superintendent, 3rd grade, from 3rd December 1884 to 15th November 1885; transferred to charge of Bilaspur District Cadastral Survey, 4th November 1885, together with superintendence of Ajmere Survey Detachment; Officiating Deputy Superintendent, 3rd grade, from 21st January 1886 to 25th October 1886; promoted to Lieutenant-Colonel, 8th June 1886; furlough to Europe (on medical certificate) from 10th November 1886. Returned from furlough and resumed charge of No. 2 Party (Bilaspur) 24th November 1887; Officiating Deputy Superintendent, 3rd grade, from the same date up to the present time.

War Services.—Served with Khasi and Jaintia Field Force from December 1862 to May 1863; served with Bhutan Field Force from November 1864 to April 1865; present at taking of Dewangiri- medal and clasp.

LIEUTENANT-COLONEL H. S. HUTCHINSON, *Bengal Staff Corps, Officiating Deputy Superintendent, 3rd Grade.*—Cadet at the Military College, Addiscombe, from January 1858 to December 1859; appointed a Lieutenant in the Bengal Artillery on 9th December 1859; landed in India, 9th April 1860; served with the Artillery at Meerut, Lahore, and Peshawur up to 9th April 1865; appointed to No. 1 Light Field Battery, Punjab Irregular Force, on 10th April 1865, per G. G. O. No. 380 of 1865; served with it at Bannu and Dera Ismail Khan up to 12th August 1867; appointed as Probationary Assistant Superintendent of Survey in the 3rd Division, Central Provinces, on 13th August 1867, and appointed to the Staff Corps on the same date; promoted to 2nd grade Assistant Superintendent of Survey on 13th August 1868; served with the 3rd Division up to 20th May 1870; furlough to Europe on medical certificate from 21st May 1870 to 31st December 1871; promoted to local rank of Captain on 9th December 1871; served with the 4th Division, Central Provinces Survey, from 1st January 1872 to 30th September 1872; appointed to 11th Deccan Topographical Survey on 1st October 1872; promoted to substantive rank of Captain on 25th March 1873; Officiating Assistant Superintendent of Survey, 1st grade, from 1st January 1878; promoted to Major, 9th December 1879; served with Ghazipur Cadastral Survey from 1st January to 3rd April 1881; in temporary charge of the Darjeeling Survey Party from afternoon of the 6th April 1881; on duty, Head-quarters Office, Calcutta, from 2nd August 1881; furlough on medical certificate from 29th August 1881 to 27th October 1882; Assistant Superintendent (new), 1st grade, 1st July 1882; personal allowance of ₹100 from 1st April 1881 until promotion to Deputy Superintendent, 2nd grade; Officiating Deputy Superintendent, 4th grade, from 29th October 1882 up to 6th August 1884; doing duty in the Head-quarters Office, Calcutta, from 30th October to 25th November 1882; transferred to Bassein District Cadastral Survey, 26th November 1882; received charge of this Survey, 29th May 1883; confirmed in the 4th grade of Deputy Superintendent, 7th August 1884; Officiating Deputy Superintendent, 3rd grade, from 6th July to 12th October 1885; transferred to charge of Akyab District Cadastral Survey, 22nd October 1885; Officiating Deputy Superintendent, 3rd grade, from 26th October to 6th November 1885; promoted to Lieutenant-Colonel, 9th December 1885; Officiating Deputy Superintendent, 3rd grade, from 3rd February to 8th March 1886, and from 10th March 1886 up to the present time. Assumed charge of No. 10 Party (South Maratha), 22nd October 1887.

EDWIN CLIFFORD BARRETT, *Officiating Deputy Superintendent, 3rd Grade.*—Joined the Right Bank Indus-Sind Revenue Survey as Probationary Assistant Surveyor, 18th November 1862; Sub-Assistant, 3rd grade, 1st January 1864; transferred to Central Provinces (Chanda District) Survey, 1st February 1865; passed the examination laid down in G. O. P. C. No. 244, dated 19th April 1851, as prescribed for the Senior Department, and appointed Assistant Superintendent, 2nd grade, 30th December 1868; sick leave for one month from 20th June 1869; transferred to the Raipur District Survey (2nd Division, Central Provinces), 1st November 1869; passed the Higher Standard Examination in Hindustani, 20th October 1871; was one of the staff of Survey officers who accompanied the Right Column, Lushai Expeditionary Force, in 1871-72; officiated as

Assistant Superintendent, 1st grade, from 30th December 1871 to 3rd March 1872; transferred to the 1st Division, Bahawalpur, from 1st June 1872; transferred to the 4th Division, North-Western Provinces, 1st October 1872; officiated as Assistant Superintendent, 1st grade, from 6th July 1873 to 4th November 1873, and again from 1st December 1873 to 14th January 1874; transferred to the Khurda Estate Survey, Orissa, 1st November 1876; in charge of the Khurda Estate Survey from 22nd July to 12th November 1877; Officiating Assistant Superintendent, 1st grade, from 1st April 1878; in charge of the Cuttack District Irrigation Survey from 23rd May to 28th November 1878; transferred to the 6th Division, North-Western Provinces, from 1st December 1878; transferred to Ghazipur Survey, 20th July 1879, thence to Bassein Survey, British Burma, 11th November 1879; furlough to Europe, 27th August 1880 to 12th July 1882; subsidiary leave from 13th to 23rd idem; doing duty in the Head-quarters Office, Calcutta, from 24th July to end of October 1882; Assistant Superintendent (new), 1st grade, 1st July 1882; Officiating Deputy Superintendent, 4th grade, from 24th July 1882 up to 30th September 1884; transferred to Burma Topographical Survey, British Burma, 1st November 1882; assumed charge of Hooghly River Survey which afterwards went to Assam and became Kamrup District, subsequently called Assam (Cadastral) Survey, 25th July 1883; confirmed in the 4th grade of Deputy Superintendent, from 1st October 1884; Officiating Deputy Superintendent, 3rd grade, from 16th March 1886 up to the present time.

War Services.—Served with the Right Column, Lushai Expeditionary Force, in 1871-72—medal and clasp, and received the thanks of the Government of India.

LIEUTENANT-COLONEL REGINALD BEAVAN, *Bengal Staff Corps, Deputy Superintendent, 4th Grade.*—Appointed as Ensign, 4th May 1860, General List, Infantry; 11th June 1860, arrived in India; attached for duty to 19th Foot at Benares; leave on medical certificate to Europe from 15th October 1860 till 11th October 1862 (exclusive); 1st January 1862, promoted to Lieutenant; in 1861, went through a course of instruction at the School of Musketry, obtained extra first class certificate; on return to India was attached * to 23rd Fusiliers at Fyzabad; marched with them to Agra; 27th March 1863, appointed Musketry Instructor to the 19th Hussars at Lucknow, marched with them to Meerut; held this appointment till 15th April 1865; leave on private affairs to the hills; 12th July 1865, took up the appointment of Quarter Master, 22nd Punjab Native Infantry, at Umballa; marched to Morar in May 1866; attended the officers' surveying class at Roorkee in the winter of 1867-68, first class certificates for surveying and field engineering; 9th September 1867, appointed to the Bengal Staff Corps; 17th July 1868, appointed to the Topographical Survey Department as Assistant Surveyor, 2nd grade (this appointment was afterwards cancelled and made probationary); joined No. 6 Party, Khasi, Garo, and Naga Hills Survey at Cherrapunji; 9th November 1869, promoted to Assistant Surveyor, 2nd grade; 1st May 1870, transferred to Revenue Branch and joined Hazaribagh Survey Party; 1st October 1870, transferred to Bahawalpur Party; 1st December 1870, transferred to Dera Ghazi Khan Survey; furlough (medical certificate) to England from 25th November 1871 to 22nd November 1872; joined 1st Division, Central Provinces Survey, 29th November 1872; on detached duty at Chandgurh from February to May 1873; on detached duty at Ahiri, Chanda District, during the field season of 1873-74; transferred to Dera Ismail Khan Survey, 1st October 1874; worked in Dera Ismail Khan, Bunnoo and Rawal Pindi Districts, and in the winter of 1877-78 in the Jowaki country and Kohat Pass; reduced to Assistant Superintendent, 3rd grade, 1st January 1878, by the operation of the new organisation of the Survey Department; 13th May 1878, officiating 1st grade Assistant Superintendent; 5th October, reverted to officiating 2nd grade; 27th October, promoted to 2nd grade (third time); 27th October, officiating 1st grade; 28th November, reverted to 2nd grade; 22nd December, officiating 1st grade; 4th February 1879, reverted to 2nd grade; promoted to Major, 4th May 1880; organised and took charge of the Baluchistan Topographical Survey from 27th July 1880; Officiating Assistant Superintendent, 1st grade, from 17th November 1880 to 30th June 1882; Assistant Superintendent (new), 1st grade, 1st July 1882; Officiating Deputy Superintendent, 4th grade, from 1st July 1882 up to 9th November 1884; assumed charge of No. 1 Topographical Party, 1st October 1883; promoted to Deputy Superintendent, 4th grade, from 10th November 1884; Officiating Deputy Superintendent, 3rd grade, from 21st March 1886 up to 7th June 1887; Officiating Assistant Surveyor General in charge Cartographic, Engraving, and Map Record and Issue Offices from 17th April 1886; promoted to Lieutenant-Colonel, 4th May 1886; on furlough for 1 year and 182 days, from 8th June 1887.

* By Presidency Division Order of 4th November 1862.

War Services.—Attached to the Army operating in Southern Afghanistan from October 1878—medal; accompanied General Biddulph's Division to Girishk; mentioned in Lieutenant-General D. M. Stewart's despatches, and in Field Force Order by General Biddulph, dated 6th March

1879; engaged surveying in Southern Afghanistan and Baluchistan till 1st April 1880, and again from 27th July 1880; accompanied the Marri Field Force under Brigadier-General C. MacGregor in October and November 1880; accompanied the Bozdar Field Force under Brigadier-General H. C. Wilkinson in November and December 1881.

COLONEL ROBERT GOSSET WOODTHORPE, C. B., *Royal Engineers, Deputy Superintendent, 4th Grade*—Joined the service, 25th June 1865; left Chatham, November 1867; employed in Works Department, Manufacturing District, in England, till May 1869; arrived in India, 25th November 1869; joined the Head-quarters, Bengal Sappers and Miners, at Chakrata, 24th December 1869; served with them till 31st May 1871; joined the Topographical Survey, No. 4 Party, 18th July 1871; transferred to No. 6 Party for service with the Lushai Expeditionary Force, October 1871; had charge of the Survey Party with the Garo Expedition in field season 1872-73; accompanied Captain Badgley in the Naga Hills Survey during field season 1873-74; Officiating Assistant Superintendent, 1st grade, 11th August 1873; reverted to Assistant Superintendent, 3rd grade, 1st April 1874, on amalgamation with Revenue Survey; separate charge, Naga Hills Survey Party, during field season 1874-75; re-appointed substantive Assistant Superintendent, 2nd grade, with effect from 1st April 1874; employed in Head-quarters Office, Calcutta, as Assistant Surveyor General, in charge Lithographic Branch, from July till 31st October 1875; separate charge, Naga Hills Survey, 1875-76; on death of Captain Butler, Political Agent, in January 1876, appointed Political Officer with the Survey (extra allowance, ₹200 per mensem for this additional work, and thanks of the Governor General in Council and Secretary of State for India); charge of North Lakhimpur Topographical Survey, 1876-77 (thanks of the Governor General in Council); charge of North Brahmaputra Topographical Survey, 1877-78; Captain, 22nd May 1878; Officiating 1st grade Assistant Superintendent, 26th May 1878; reverted to Officiating 2nd grade, 12th August 1878; transferred from No. 6 Topographical Party, September 1878; charge of Survey Party with the Frontier Expeditionary Field Force, Kuram Column; substantive 2nd grade Assistant Superintendent, 22nd December 1878; Officiating Assistant Superintendent, 1st grade 1st January 1879; reverted to 2nd grade, 15th January 1879; furlough on private affairs for one year from 30th October 1880; promoted to rank of Brevet Major, 22nd November 1879, and to Brevet Lieutenant-Colonel, 2nd March 1881; appointed to charge of No. 6 Topographical Party from 3rd December 1881; Assistant Superintendent (new), 1st grade, 1st July 1882; Officiating Deputy Superintendent, 4th grade, 1st July 1882 to 8th January 1883, and from 12th February 1883 up to 27th November 1884; invested with the powers of a Magistrate of the 2nd class to be exercised within the Sub-Division of Karimganj, South Sylhet, and Halimganj in the District of Sylhet, 13th March 1883; confirmed as Deputy Superintendent, 4th grade, 28th November 1884; promoted to the rank of Colonel, 2nd March 1885; on special duty with the Gilgit Mission from 25th May 1885; Officiating Deputy Superintendent, 3rd grade, from 21st March 1886; in charge Kubo Valley Detachment from 1st October 1886 to 30th November 1887. Services placed at the disposal of the Foreign Department, from 10th February 1888, and employed on special duty in Europe.

War Services.—Served with the Left Column, Lushai Expeditionary Force, 1871-72—Frontier medal with clasp for Lushai; served with the Garo Hills Expedition in 1872-73, and with the Naga Hills Punitive Expedition in 1875 (mentioned in despatches); joined the Kuram Column, Frontier Expeditionary Field Force, 1st Afghanistan Campaign at Kohat, 25th October 1878; present at the action on the Peiwar Kotal (slightly wounded); mentioned in despatches; 2nd Campaign from 28th September 1879 to date of evacuation of Kabul; present at Alikhel, 14th October; at Killa Kaziz Mir on 10th, and Charda, 11th December 1879; attack of Takht-i-Shah, 13th; Asmai heights, 14th, and subsequent operations till 23rd December 1879, inclusive; skirmishes at Saidabad, 25th and 26th April 1880 (very slightly wounded); thanks of Governor General in Council and Secretary of State for India; mentioned in despatches of Generals Roberts and Ross.

G. H. COOKE, *Officiating Deputy Superintendent, 3rd Grade.*—Arrived in India in 1865; joined the Survey Department as Sub-Assistant, 1st class, 6th December 1866; Assistant Revenue Surveyor, 3rd class, on 6th December 1869; Probationary Assistant Superintendent, 1st April 1870; Assistant Superintendent, 2nd grade, 10th May 1871; served in the Hazaribagh District Survey until October 1871; from November 1871 to May 1872, with Lushai Expeditionary Force; examination leave for three months, from 5th June 1872 to 4th September 1872; transferred to Head-quarters from 5th September 1872; from 1st November 1872, special duty, Chittagong; in June 1873, transferred to Naini Tal, for the completion of the survey of the Naini Tal Sanitarium on the scale of 16 inches = 1 mile; in November 1873 was transferred to the 9th Bilaspur District Survey, and completed the survey of Aheri Zamindari; under the re-organization of 1st April 1874, Officiating Assistant Superintendent, 3rd grade, in November 1874, joined the Azimgarh District (Cadastral) Survey; on 1st April

1876, transferred to Goorgaon District Survey; in November 1876, transferred to Deccan Survey; held charge of the survey from 22nd August 1877 to 2nd January 1878; Officiating Assistant Superintendent, 2nd grade, from 1st January 1878; again took over charge of Deccan Survey on 12th September 1878; furlough from 22nd May 1880 to 8th June 1882; promoted to Assistant Superintendent, 2nd grade, on 14th December 1880; transferred to Meerut, &c., Districts (Topographical) Survey, and joined 9th June 1882; Assistant Superintendent (new), 1st grade, 1st July 1882; Officiating Deputy Superintendent, 4th grade, 1st July to 31st October 1882, 2nd and 3rd November 1882, from 7th idem up to 31st December 1882, 14th March 1883, and from 20th April 1883 up to 21st October 1885; transferred to Benares, &c, Districts (Cadastral) Survey, 17th October 1883; appointed to do duty at the Head-quarters, Calcutta, from 17th August 1884; transferred to the Basti District (Cadastral) Survey, 1st May 1885; held temporary charge of Cutch Party, Topographical Survey, from 11th August 1885; confirmed as Deputy Superintendent, 4th grade, 22nd October 1885; assumed charge of Jubbulpore District Traverse Survey, 26th October 1885; Officiating Deputy Superintendent, 3rd grade, from 22nd April 1886 to 23rd October 1887; from 4th to 23rd November; from 25th to 29th November 1887; from 6th to 24th January 1888; from 11th February to 13th April 1888; and from 16th May 1888 up to the present time.

War Services.—On 1st November 1871 was deputed on special service with Right Column, Lushai Expeditionary Force; received a medal and the thanks of the Government of India; served a second year in the Lushai country with Major Lewin, Political Officer, and connected the work done by the Survey officers attached to the Right and Left Columns of the Lushai Expeditionary Force.

EDWIN JAMES JACKSON, *Officiating Deputy Superintendent, 3rd Grade.*—Arrived in the country, 26th June 1864; joined the Department as Senior Sub-Assistant Revenue Surveyor, 26th September 1864; Probationary Assistant Superintendent, 1st April 1866; Assistant Superintendent, 2nd grade, 5th November 1868; sick leave from 4th July to 3rd August 1867; sick leave from 19th August to 30th November 1867; sick leave to Europe from 23rd July 1871 to 10th November 1872; in temporary charge of the 2nd Division, Revenue Survey (Assam), 20th January to 13th February 1873, or about January 1873; special duty, defined the Naga Frontier Boundary common to District Sibsagur, from December 1873 to May 1874; Cachar Tea Grants Survey from 28th November 1874 to April 1875; relaying the old boundaries to the north-west of Faridpur, which had been washed away by the River Ganges during the past 20 years; employed on this work from February 1877 to April 1877; transferred to 5th Division Survey from 1st July 1877; on furlough from 1st May 1880 to 3rd December 1881; transferred to No. 2 Party, Hanthawaddy District, British Burma; Assistant Superintendent (new), 1st grade, 1st July 1882; Officiating Deputy Superintendent, 4th grade, afternoon of 18th November 1882; reverted to Assistant Superintendent, 1st grade, from 6th December 1882; Officiating Deputy Superintendent, 4th grade, from 29th April 1883 up to 25th October 1885; in charge of No. 2 Revenue Party, Hanthawaddy District Survey, British Burma, from 19th February 1884; confirmed as Deputy Superintendent, 4th grade, 26th October 1885; furlough to Europe from 12th November 1885 to 23rd October 1886; appointed to the charge of Saugor Traverse Survey from 29th October 1886; Officiating Deputy Superintendent, 3rd grade, from 27th October to 16th December 1886, from 1st to 4th January 1887, and from 15th May 1887 to 25th September 1887; again from 21st June 1888.

BT.-MAJOR ST. GEORGE COBBET GORE, *Royal Engineers, Deputy Superintendent, 4th Grade.*—Joined the service, 8th January 1870; arrived in India, 15th November 1872; appointed Assistant Superintendent, 2nd grade, Great Trigonometrical Survey of India, 25th March 1873; joined the Great Trigonometrical Survey at Dehra Dun on 11th April 1873 and attached to the Dehra Dun Survey Party; Officiating Assistant Superintendent, 1st grade, from 2nd November 1873; by consolidation scheme of 1st April 1874 became Assistant Superintendent, 3rd grade, officiating 2nd grade; reverted to 3rd grade from 28th October 1874; officiating 2nd grade from 4th January 1875; transferred to Topographical Department for work, 15th October 1875, and attached to the Bhopal and Malwa Survey; transferred to Guzerat Party, Great Trigonometrical Survey, 5th January 1878; appointed to officiate in charge Guzerat Party, 2nd September 1878; relieved of the charge of Guzerat Party, October 1878; ordered on service to Afghanistan, 3rd January 1879; reverted to Assistant Superintendent, 3rd grade, 26th April 1879; Officiating Assistant Superintendent, 2nd grade, from 16th July 1879 to 10th December 1880; furlough to Europe for two years from 11th December 1880; promoted to Captain, 8th January 1882; Assistant Superintendent (new), 2nd grade, 1st July 1882; promoted to Assistant Superintendent, 1st grade, 10th October 1882; appointed to do duty at Head-quarters, Calcutta, from 13th December 1882; Officiating Deputy Superintendent, 4th grade, from 29th May 1883 to 9th March 1886; attached to the Afghan Boundary Commission, 26th August 1884; confirmed as Deputy Superintendent, 4th grade, 10th March 1886; Officiating Deputy Superintendent, 3rd grade,

from 4th May to 17th August 1886; returned to India 23rd November 1886; Officiating Deputy Superintendent, 3rd grade, 26th October 1886, and from 20th November to 8th December 1886; appointed to superintend the final mapping connected with the Afghan Boundary Commission at Dehra Dun. Brevet-Major, 16th February 1887. Officiating Deputy Superintendent, 3rd grade, 7th June 1887 up to 29th August 1887; employed on Military duty in Europe from 15th February 1888.

War Services.—Served with the Afghanistan Field Force, Quetta Column, from 9th February 1879 to 15th May 1880; accompanied Sir D. Stewart's column in its march from Kandahar to Kabul as Officer in charge of Survey; present at the action of Ahmed Khel, near Ghazni, and of Urzu Shabiz at Ghazni.

Bt.-Major James Ramsay Hobday, *Bengal Staff Corps, Deputy Superintendent, 4th Grade.*—Ensign, 2-25th King's Own Borderers, 13th January 1869—G. O. C. C., 3rd March 1869, p. 88; date of arrival in India, 31st March 1869; 2nd Wing Subaltern on probation, 30th Regiment, Bengal Infantry, 20th March 1871—G. O. C. C., 4th April 1871, p. 165; 1st Wing Subaltern on probation, 38th Regiment, Bengal Infantry, 6th May 1871—G. O. C. C., 16th May 1871, p. 242; Officiating Wing Officer, 38th Regiment, Bengal Infantry, in addition to his other duties, from 21st November 1872 to 5th January 1873—G. O. C. C., 19th December 1872, p. 609; Station Staff Officer, Buxa, Bhutan, 16th March 1873 to 18th September 1874—G. O. C. C., 5th April 1873, p. 170; Officiating Wing Officer, 38th Regiment, Bengal Infantry, in addition to his other duties, from 6th April 1873 to 27th June 1873—G. O. C. C., 9th July 1873; General Leave from 12th July 1873 to 17th November 1873—G. O. C. C., 16th August 1873, p. 330, and G. O. C. C., 23rd December 1873, p. 559. Assistant Superintendent, 3rd grade (on probation), Topographical Survey Department, 11th September 1874—Revenue, Agriculture, and Commerce Department, No. 538 of 11th September 1874; Assistant Superintendent, 3rd grade, Topographical Survey Department, 7th July 1875—Revenue, Agriculture, and Commerce Department, No. 505 of 19th July 1875; Officiating Assistant Superintendent, 2nd grade, Survey of India, from 1st to 10th January 1878, 1st to 5th February 1878, 15th February to 28th April 1878; furlough for 2 years from 29th April 1878; recalled to duty to join Afghan Field Force, 15th December 1878; left England, 25th December 1878; arrived at Bombay, 15th January 1879; Officiating Assistant Superintendent, 2nd grade, from 15th January 1879 to 3rd February 1879; medical certificate for one year, from 1st December 1879; Officiating Assistant Superintendent, 2nd grade, from 3rd April 1881 to 30th June 1882; promoted to the rank of Captain, 13th January 1881; Assistant Superintendent (new), 2nd grade, 1st July 1882; Officiating Assistant Superintendent, 1st grade, from 1st July 1882 to 14th April 1883; promoted to Assistant Superintendent, 1st grade, 15th April 1883; Officiating Deputy Superintendent, 4th grade, from 25th July 1883 to 21st October 1883, from 25th October 1883 to 23rd March 1884, and from 4th April 1884 to 31st December 1886; in charge, Andaman Topographical Party, from 1st November 1883 to 19th March 1886; in charge Upper Burma Topographical Party from 20th March 1886; Officiating Deputy Superintendent, 3rd grade, from 4th May to 17th August, 26th October and from 19th to 22nd November 1886; confirmed as Deputy Superintendent, 4th grade, 1st January 1887. Brevet-Major, 1st July 1887.

War Services.—Served with Kandahar Field Force, Southern Afghanistan, from 13th February to 31st October 1879; accompanied column under Brigadier General Palliser to Khakrez Valley—Medal. Served with Upper Burma Field Force from 2nd April 1886 to end of Campaign, mentioned in despatches of Major-General Sir George White, V. C., K. C. B., Services acknowleged by the Commander-in-Chief and Chief Commissioner.—Medal with clasp and Brevet Majority.

Captain Francis Bacon Longe, *Royal Engineers, Deputy Superintendent, 4th Grade*—Lieutenant, 2nd February 1876; appointed to India Establishment, 1st November 1878; arrived in India, 15th January 1879; appointed Supernumerary Assistant Superintendent, 3rd grade, Survey of India, 15th March 1880; Assistant Superintendent (new), 2nd grade, 1st July 1882; confirmed in the Survey Department, 13th September 1882; officiated as Assistant Superintendent, 1st grade, from 13th September 1882 to 9th July 1884; held charge of the Deccan Party from 6th October to 21st November 1883; confirmed, 10th January 1884; officiated as Deputy Superintendent, 4th grade, from 6th to 13th March 1884, and again from 26th August 1884 to 10th April 1888; appointed to do duty at Head-quarters, Calcutta, 17th January 1885; in charge Suakim Expeditionary Survey, from 4th March 1885; attached to the Tidal and Levelling operations, 19th June 1885; transferred to the charge of the South Maratha Survey Party, 6th July 1885; re-transferred to the Tidal and Levelling operations, 19th October 1885; again in charge South Maratha Survey Party, 29th December 1885; in charge of Baluchistan No. 1 Party, from 1st November 1886; promoted to Captain, 2nd February 1887; overstayed privilege leave by 5 days, 12th to 16th September 1887. Confirmed as Deputy Superintendent, 4th Grade, 11th April 1888.

War Services.—Joined the Head-quarters of the Bengal Sappers and Miners in the Khyber at Jalalabad in February 1879; served as Assistant Field Engineer attached to the 7th Company, Bengal Sappers and Miners, with the Kurram and Kabul Field Forces from March 1879 till 14th March 1880, and was present at the battle of Charasia, 8th October 1879, and the actions round Kabul from 10th to 23rd December; served as Assistant Superintendent of Survey with Kabul and Kandahar Field Forces from 15th March 1880 to the close of the campaign in May 1881, and was present at skirmish at Saidabad on 26th April 1880; marched with the Force under Sir F. Roberts from Kabul to Kandahar, and was present at the battle of Kandahar, 1st September; twice mentioned in despatches of Sir F. Roberts and received the thanks of the Governor General—medal and 3 clasps and bronze star; served as Survey Officer with the Suakim Expeditionary Force from 4th March 1885 to 1st June 1885—medal and clasp.

CAPTAIN ROBERT ALEXANDER WAHAB, *Royal Engineers, Officiating Deputy Superintendent, 4th Grade.*—Obtained his commission as Lieutenant in the Royal Engineers, 29th April 1873; joined at Chatham, 1st January 1874; arrived in India, 8th March 1876; attached to Madras Sappers and Miners from March 1876 till December 1880; appointed Assistant Engineer, 1st grade, Public Works Department, Military Works Branch, January 1881; temporary Executive Engineer, 4th grade, March 1882; appointed Assistant Superintendent, 2nd grade, Survey of India, 8th January 1883; Officiating Assistant Superintendent, 1st grade, from 1st February 1883 up to 6th August 1884; promoted to Assistant Superintendent, 1st grade, from 7th August 1884; in charge, No. 3 Topographical Party, Baluchistan Survey, from 19th to 31st August 1884; posted to Zhob Valley Expedition Party, 1st September 1884; assumed charge of that Expedition, 14th September 1884; and charge of No. 3 Topographical Party, Baluchistan Survey, 17th December 1884; Officiating Deputy Superintendent, 4th grade, from 26th August 1884 up to the present time; promoted to Captain, 8th January 1885; transferred to Gorakhpur District (Cadastral Survey), 8th November 1885; assumed charge of Himalaya Party, 21st April 1886; assumed charge of Baluchistan No. 2 Party, on the forenoon of 30th September 1886.

War Services.—Served in the 1st Afghan Campaign from 9th January to 9th June 1879 as Assistant Field Engineer and Adjutant, Royal Engineers, Peshawur Valley Field Force; 2nd Afghan Campaign, October 1879 to August 1880, as Assistant Field Engineer—Medal. Expedition against Mahsud Waziris in April and May 1881 as Assistant Field Engineer, and in charge of R. E. Park.

EDWARD C. RYALL, *Officiating Deputy Superintendent, 4th Grade.*—Appointed Apprentice Draftsman, Surveyor General's Office, Calcutta, 11th August 1854, and to the Great Trigonometrical Survey Department as 3rd class Sub-Assistant, Great Trigonometrical Survey, on 26th April 1855, and posted to Head-quarters Office, Dehra Dun; subsequently on October 1st of the same year, was attached to the Rahoon Meridional Series; on 1st October 1856, 2nd class Sub-Assistant, transferred to the Jhelum and Rawal Pindi Topographical Survey Party; served with that party up to May 1859; during the recess seasons of 1858 and 1859 of the Jhelum and Rawal Pindi Party, was deputed to do field duty with the Kashmir Survey; January 1st, 1860, promoted to 1st class Sub-Assistant; transferred to the Kashmir Survey in June 1859; served with that survey up to 1st October 1864, and was then transferred to the East Calcutta Longitudinal Series; on November 1st, 1865, was posted to the Eastern Frontier Series Party; sick leave from 25th January to 7th September 1866; on return to duty was appointed to the Kumaon and Garhwal Topographical Party, 1st May 1867; assisted that party in the large-scale surveys of Mussoorie, Ranikhet, and Kosi Valley, and subsequently in the survey of the Dehra Dun District; appointed to charge of the Kumaon and Garhwal Party in March 1875; brought the field operations of that party to a close in September 1877, and was relieved of the charge of the party on 1st October 1878; posted to Surveyor General's Field Head-quarters Office, Dehra Dun, 1st October 1878, and on the 1st January 1879 transferred to the 3rd Division, North-Western Provinces Survey, Revenue Branch; transferred to Darjeeling Party, 1st September 1881; sick leave from 10th December 1883 to 4th January 1884; Officiating Deputy Superintendent, 4th grade, from 6th July 1885 up to the present time; in charge Coast Triangulation Survey, 6th October 1885.

Abstract showing the steps obtained by Mr. E. C. RYALL while in the Survey Department.—Appointed 3rd class Sub-Assistant, 26th April 1855; 2nd class Sub-Assistant, 1st October 1856; 1st class Sub-Assistant, 1st January 1860; Junior Civil 2nd Assistant, 1st July 1862; Senior Civil 2nd Assistant, 1st January 1863; Surveyor, 2nd grade, 1st April 1869; Surveyor, 1st grade, 1st April 1871; Assistant Superintendent, 2nd grade (subsequently on 1st April 1874 designated 3rd grade), 1st April 1873; Officiating Assistant Superintendent, 2nd grade, 7th September 1879; reverted to 3rd grade on 9th October 1879; Officiating Assistant Superintendent, 2nd grade, from 1st November 1879; Assistant Superintendent (new), 2nd grade, 1st July 1882; Officiating Assistant Superintendent, 1st grade, from 1st July 1882 up to 31st January 1883; promoted to Assistant Superintendent, 1st grade, 1st February 1883.

Military Service.—As volunteer during the mutiny; served against the Murree rebels—medal.
Literary Work.—Report on Hundes or Nari Khorsam.

WILLIAM HENRY PATTERSON, *Officiating Deputy Superintendent, 4th Grade.*—Appointed Junior Sub-Assistant Revenue Surveyor, 1st December 1851, and posted to the Rechnab Doab (Punjab) Revenue Survey; transferred to the Sindh, Sagar Doab Revenue Survey, 1st October 1855; promoted to 3rd grade, 1st October 1855; transferred to the Derajat (Trans-Indus) Survey, 1st July 1856; promoted to 2nd grade, 1st May 1857; promoted to 1st grade, 1st January 1859; honourable mention in the Punjab Administration Report for 1859-60; thanks of the Lieutenant-Governor of the Punjab and of the Government of India; transferred to the 1st Division (Oudh) Revenue Survey, 1st October 1859; promoted to Assistant Revenue Surveyor, 3rd grade, 1st January 1862; on deputation at Head-quarters Office (Drawing Branch), Calcutta, 1st September 1862; promoted to 1st grade, 1st January 1866; designation changed to Civil Assistant, 3rd grade, 1st April 1866; transferred to 2nd Division (Oudh) Revenue Survey, 18th April 1866; during 1867-68 detached to make a survey of the cantonments, civil station, and city of Cawnpore, on the scale of 12 inches to the mile; and revision of the plan of the Lucknow Cantonments with additions of environs 2 miles all round, on the scale of 8 inches to the mile; promoted to Civil Assistant, 2nd grade, 1st January 1868; and to Surveyor, 1st grade, 1st January 1871; transferred to the 1st Division, Lower Provinces Survey (Assam), 1st April 1871; appointed to the temporary charge of the 1st Division, Lower Provinces Survey, from 24th April to 12th June 1872; on duty at the Presidency Office, 29th January 1873; rejoined 1st Division, Lower Provinces Survey, in Assam, February 1873; appointed to the temporary charge of the 1st Division, Lower Provinces Survey, from 25th November 1873 to 7th January 1874, and to the charge of the Survey of Lakhiraj holdings in Districts Darrang and Kamrup, with deputation allowance of ₹50 per mensem, from 1st December 1874 to 18th June 1879; services recognised by the Chief Commissioner, Assam, in Land Revenue Administration Report of District Darrang, season 1875-76; services placed at the disposal of the Chief Commissioner, Assam, for employment under the Settlement Officer, Cachar, 3rd January 1880; appointed Chief Draftsman, Surveyor General's Office, Calcutta, 8th August 1882; promoted to Assistant Superintendent, 2nd grade, 22nd January 1883; transferred to No. 5 Topographical Party (District Mirzapur), 1st February 1883; Officiating Assistant Superintendent, 1st grade, from 1st February 1883 to 30th September 1884; promoted to Assistant Superintendent, 1st grade, 1st October 1884; assumed temporary charge of No. 2 Party, Bhopal and Malwa Topographical Survey, from 5th August to 27th October 1884; re-transferred to No. 5 Topographical Party, Mirzapur District; assumed charge of No. 2 Party, Bhopal and Malwa Topographical Survey, from 24th November 1884 to 26th October 1885, and of Mirzapur Topographical Survey Party, 11th November 1885; Officiating Deputy Superintendent, 4th grade, from 16th September 1884 up to the present time. Nomenclature of Party changed to Hoshungabad, 1st October 1887.

Leave on private affairs from 1st May to 31st August 1862; leave on private affairs to Europe from 20th July 1872 to 18th January 1873; leave on private affairs to Europe from 11th July 1879 to 2nd January 1880.

Special Powers.—Vested with powers of a Deputy Collector under Regulation IX of 1833 in Districts Kamrup, Nowgong, and Darrang, 11th January 1872; vested with powers of Deputy Collector under Act V of 1875, B. C. (Surveys), in District Cachar, 19th February 1880.

Military Services.—As volunteer during the Mutiny of 1857-58; served against the Murree rebels—medal.

FREDERICK WILLIAM KELLY, *Offg. Deputy Superintendent, 4th Grade.*—Appointed Junior Sub-Assistant, 4th December 1854; promoted to Sub-Assistant, 1st January 1856, in the Punjab and Sind Surveys; special leave for four months from 21st January 1858, which was overstayed from 21st May to 16th August 1858; employed as Sub-Assistant, 2nd class, in the Bhurtpur and Bundelcund Surveys, 17th August 1858; promoted to Sub-Assistant, 1st class, 1st January 1861; transferred to 2nd Division, Oudh Survey, 3rd February 1861; promoted to Assistant Revenue Surveyor, 3rd class, 1st January 1864; promoted to Civil Assistant, 4th grade, 1st April 1866; transferred to Head-quarters Office, Calcutta, 18th September 1866; promoted to Civil Assistant, 3rd grade, 1st July 1867; promoted to Surveyor, 2nd grade, 1st July 1869; in temporary charge of Midnapur Survey from 2nd March to 19th June 1876; promoted to Surveyor, 1st grade, with personal allowance of ₹50, 8th July 1879; promoted to 2nd grade Assistant Superintendent, 22nd February 1883; promoted to officiate as Assistant Superintendent, 1st grade, from the same date; transferred to Prome and Akyab Districts Cadastral Survey, British Burma; promoted to Assistant Superintendent, 1st grade, 10th November 1884; Officiating Deputy Superintendent, 4th grade, from 3rd December 1884 to 12th October 1885; officiated in charge, Burma Topographical Party, for 3 months, from 8th July 1885; re-transferred to Akyab District (Cadastral) Survey from 6th October 1885; Officiating Deputy Superintendent, 4th grade, from 26th October to 15th November 1885, and from 21st

January 1886 to 31st October 1886; leave on medical certificate to Australia from 13th November 1886 to 9th May 1887; Officiating Deputy Superintendent, 4th grade, from 14th May 1887 up to the present time. Held charge of No. 8 Party (Bengal and Orissa) from 15th May to 29th August 1887. Appointed to the charge of No. 7 Party (Bassein), 6th September 1887.

CAPTAIN HUGH MILBOURNE JACKSON, *Royal Engineers, Officiating Deputy Superintendent, 4th Grade.*—Received commission in Royal Engineers, 19th June 1877; under instruction at the S. M. E., Chatham, from 19th February 1878 to December 1879; served in the 7th Field Company, Royal Engineers (Chatham), from 20th March 1880 to 1st December 1880; transferred to the Indian Establishment, 1st February 1881; served with the Bengal Sappers and Miners at Roorkee, Calcutta, in the Naga Hills and at Rawal Pindi, from May 1st, 1881, to June 7th, 1883; appointed to Survey of India Department as Assistant Superintendent, 2nd grade, with effect from the 11th June 1883, and to officiate as Assistant Superintendent, 1st grade, from the same date; attached to the Kohat Survey Party; transferred to the Mysore Topographical Survey, 11th October 1883; officiated in charge of that party from 13th February to 19th March 1884; confirmed as Assistant Superintendent, 1st grade, 28th November 1884; on duty, Surveyor General's Office, Simla, from 6th May 1885; transferred to Basti District (Cadastral) Survey, from 1st September 1885; Officiating Deputy Superintendent, 4th grade, from 5th to 6th November 1885, 3rd February to 8th March 1886, and from 10th March 1886 up to the present time; transferred to Mysore Topographical Survey, 8th March 1886; in charge of that party from 23rd March 1886, until the completion of the work; transferred to Upper Burma Detachment from 5th November 1886; promoted to Captain, 1st April 1888. In charge No. 20 Party (Burma) from 19th May 1888.

LIEUTENANT WALTER HUNGERFORD POLLEN, *Royal Engineers, Assistant Superintendent, 1st Grade.*—Obtained his commission as Lieutenant in the Royal Engineers, April 6th, 1879; joined at Chatham, 2nd June 1879; served in the 24th Field Company, Royal Engineers, at Aldershot till September 1882, and thereafter with the 26th Field Company at Shorncliffe; arrived in India, 7th March 1883; served with the Bombay Sappers and Miners up to 6th April 1883; Extra Aide-de-Camp to the Governor General of India, from 6th April 1883 to 25th April 1884; appointed Assistant Superintendent, 2nd grade, Survey of India, 26th April 1884; Officiating Assistant Superintendent, 1st grade, from the same date, and posted to No. 1 Party, Central India and Rajputana Topographical Survey, 1st October 1884; Assistant Superintendent, 1st grade, sub. *pro tem.*, 3rd July 1885; transferred to Himalaya Survey Party, 1st October 1885; promoted to Assistant Superintendent, 1st grade, 22nd October 1885; Officiating Deputy Superintendent, 4th grade, from 16th March 1886 up to the present time; assumed charge, Rajputana Topographical Survey, 1st April 1886; in charge of No. 10 South Maratha Topographical Survey from 20th October to 8th December 1886; again from 1st January to 6th June 1887. Furlough for 9 months from 7th June 1887. Extension for 6 months.

War Services.—Served with the 26th Company, Royal Engineers, in the Egyptian Campaign, August 9th to October 10th, 1882.

LIEUTENANT GODFREY BECKETT HODGSON, *Bengal Staff Corps, Officiating Deputy Superintendent, 4th Grade.*—First commission as 2nd Lieutenant, 2nd Battalion, Her Majesty's 22nd Cheshire Regiment, 1st May 1878; attached to the Regimental depôt at Buttevant, County Cork, Ireland, till 26th September 1878; arrived in India, 21st October 1878 and joined Regiment at Allahabad; promoted to Lieutenant, 13th November 1878; appointed, on probation, to the Bengal Staff Corps, by Military Department No. $\frac{606 \text{ S.}}{\text{A.}}$, dated 14th July 1880, and attached as Officiating Wing Officer to 4th Goorkha Regiment then on field service in Afghanistan; appointed permanently to the Bengal Staff Corps, 15th September 1881, with rank from 13th November 1878; Officiating Quarter Master, 4th Goorkhas, from 23rd December 1880 to 27th February 1883, when he exchanged, at his own request, to 3rd Goorkhas at Almora; served with that regiment till appointed to the Survey of India Department, as Assistant Superintendent, 2nd grade, on probation, 12th September 1883 and attached to Guzerat Party; confirmed as Assistant Superintendent, 2nd grade, and promoted Officiating 1st grade, 23rd July 1884; appointed to do duty at the Head-quarters, Calcutta, from 8th September 1885; confirmed as Assistant Superintendent, 1st grade, 26th October 1885; Officiating Deputy Superintendent, 4th grade, 21st March 1886 to 23rd November 1887 and from 25th to 29th November 1887; reverted to Assistant Superintendent, 1st Grade, 30th November 1887; Officiating Deputy Superintendent, 4th grade, from 6th January 1888; reverted to Assistant Superintendent, 1st grade 25th January 1888; Officiating Deputy Superintendent, 4th grade, from 10th February 1888 (afternoon).

War Services.—Afghanistan, from 3rd August to 9th October 1880, as Officiating Wing Officer, 4th Goorkhas—medal.

LIEUTENANT SIDNEY GERALD BURRARD, *Royal Engineers, Officiating Deputy Superintendent, 4th Grade.*—Obtained his commission as Lieutenant in the Royal Engineers, 6th April 1879;

joined at Chatham, 2nd June 1879; Assistant Secretary to Ordnance Committee for Gunnery Experiments, April 3rd, 1881, to December 8th, 1882; landed in India, 10th January 1883; attached to Bengal Sappers and Miners up to 24th March 1883, when appointed to P. W. D., Baluchistan; Personal Assistant to Superintending Engineer and Secretary to Governor General's Agent for Baluchistan, from 2nd April 1883 to 1st September 1884; appointed Assistant Superintendent, 2nd grade, Survey of India, 2nd September 1884; Officiating Assistant Superintendent, 1st grade, from the same date, and posted to Trigonometrical Branch Office; transferred to Astronomical No. 1 Party, 9th October 1885; assumed charge of the Party, 24th January 1886; promoted to Assistant Superintendent, 1st grade, 10th March 1886; Officiating Deputy Superintendent, 4th grade, from 21st March 1886 to 13th May 1887, from 15th May to 23rd October and again from the 4th to 11th November 1887; assumed charge of Astronomical No. 2 Party in addition to that of No. 1 Party, 15th October 1886. Made over charge of No. 23 Party Astronomical II Party on the 1st October and that of No. 22 Party Astronomical I on 1st November 1887; doing duty in the Trigonometrical Branch Office from 1st November 1887. Officiating Deputy Superintendent, 4th grade, from 15th February 1888. In charge computing party from 10th April 1888.

ANGELO D'SOUZA, *Officiating Deputy Superintendent, 4th Grade.*—Joined the Topographical Survey as 3rd class Sub-Assistant on the 19th February 1856, and was appointed to the Ganjam Topographical Survey; took part in the Survey of Sambalpur and Boad Districts, and assisted in the triangulation of the coast from Pooree to False Point in 1857-58; promoted to 2nd class Sub-Assistant on the 19th February 1859; transferred to the Assam Series, Trigonometrical Survey, 1st September 1859; carried on a minor series, with a view of fixing the position of Gauhati, and completed a Topographical Survey of the Cossya plateau of about 1,000 square miles in area, on the scale of 4 miles to 1 inch; transferred to the Astronomical Party, Andaman Islands, on 23rd October 1861; promoted to 1st class Sub-Assistant on 8th January 1862; promoted to Senior Sub-Assistant on 18th September 1863; transferred to the Kattywar Party in October 1863; was employed in training the new hands for the Topographical Survey of that country; on account of the severe famine in Kattywar, the survey was placed in abeyance in 1864-65, and was then employed on the approximate work of the triangulation of Nasik District, Bombay Presidency; and in the following season (1865-66) was employed on the approximate work of the triangulation of the Island of Bombay, and also in executing a number of traverses as basis for the Cadastral Survey of Bombay; promoted to Civil 2nd Assistant, junior grade, on 1st January 1865; promoted to Civil Assistant, 4th grade, on the re-organization of the Department on 1st April 1866; was employed in Kattywar in 1866-67 on the resumption of that survey and continued in the party till 1869; promoted to Surveyor, 3rd grade, in September 1869; furlough from October 1869 to September 1870; transferred to the Guzerat Party on the 27th September 1870; promoted to Surveyor, 2nd grade, on 1st December 1872; promoted to Surveyor, 1st grade, on 1st September 1875; transferred to the Coast Triangulation Party on 1st October 1883, and assumed charge of the party on the 16th October 1883; promoted to Assistant Superintendent, 2nd grade, on the 1st October 1884; appointed to officiate in the 1st grade with effect from the same date; transferred to Raipur District Survey, Central Provinces, from 1st October 1885; transferred to the charge of Sambalpur Detachment, which was raised to a full party from 1st October 1887 and designated No. 13 Party (Betul), Central Provinces, from 11th April 1886; Officiating Deputy Superintendent, 4th grade, from 4th May 1886 to 16th December 1886; confirmed as Assistant Superintendent, 1st grade, 1st January 1887; Officiating Deputy Superintendent, 4th grade, from 1st to 4th January 1887; from 7th June to 25th September 1887; from 11th to 13th April 1888, and from 16th May 1888.

G. B. SCOTT, *Officiating Deputy Superintendent, 4th Grade.*—Joined North-West Frontier Revenue Survey as a junior Sub-Assistant Surveyor on 1st May 1863; season 1863-64, triangulated portions of "Salt Range," District Shahpur; season 1864-65, Revenue Survey District Eusafzai (Peshawar); seasons 1865-66-67, triangulating District Hazara; promoted to Sub-Assistant Surveyor, 4th grade, 1st January 1866, and to 3rd grade, on 15th December 1866; May to August 1868, plane-tabling sections of Kaghan valley; promoted to Sub-Assistant, 2nd grade, on 15th December 1869; season 1869-70, attached to Revenue Survey, District Peshawur; season 1870-71, attached to Revenue Survey, District Dera Ghazi Khan; October 1871, transferred to Assam Revenue Survey; passed examination for Senior Division in Calcutta; season 1871-72, triangulated and plane-tabled portion of Mekir Hills, District Nowgong, Assam; promoted to Assistant Revenue Surveyor, 1st grade, 15th December 1871; season 1872-73, attached to District Darrang Revenue Survey; seasons 1873-74-75, Revenue and Topographical Survey of District Goalpara, Assam; promoted to Surveyor, 4th grade, 15th December 1874; during 1875 employed on 16″ Survey of Cinchona Gardens at Darjeeling; season 1875-76 attached to Dhanwar Estate Cadastral Survey, District Hazaribagh; October 1876, transferred to Punjab Revenue Survey, Rawalpindi, and during season 1876-77 triangulated portion of Murree and

Kahuta Tahsils; passed H. S. Examination in Hindustani in 1877; season 1877-78, plane-tabled portions of Murree and Kahuta Tahsils, and accompanied Jowaki Expedition; in 1878-79 with Khyber column Afghanistan Field Force; promoted to Surveyor, 3rd grade, 18th July 1879; during 1879-80, attached to Intelligence Branch, Quarter Master General's Department, Afghanistan; rejoined Punjab Revenue Survey in June 1880; during 1880-81, employed on a 12" Survey of the hutted camp in "The Gullies;" surveyed a portion of country on the Chenab River disputed between Sealkot District and the Kashmir State; triangulated portion of Kala Chitta Range, District Rawal Pindi; during seasons 1882-83-84, attached to Forest Settlement Department, Punjab, to lay down boundaries of reserves in Rawal Pindi District; promoted to Surveyor, 1st grade, 5th September 1883; transferred to Baluchistan Topographical Party, 1st August 1884; during October and November 1884 accompanied Zhob Valley Expedition; promoted to Assistant Superintendent, 2nd grade, officiating 1st grade, 10th November 1884 up to 18th February 1887; in January 1885 deputed to Intelligence Branch of Quarter Master General's Department, Simla, to compile Military and Railway Map of India; transferred to Bilaspur District (Central Provinces) Cadastral Survey, 1st October 1885; officiated as Deputy Superintendent, 4th grade, 26th October and from 18th November to 8th December 1886; held charge of No. 2 Bilaspur District Cadastral Survey, from 26th November 1886 to 23rd November 1887; confirmed as Assistant Superintendent, 1st grade, 19th February 1887. Officiating Deputy Superintendent, 4th grade, from 8th June to 29th August 1887. Appointed to the charge of Srinagar Wards Estate Survey from 28th November 1887. Officiating Deputy Superintendent, 4th grade from 21st June 1888.

War and Trans-Frontier Services.—In 1867, reconnoitred independent hill tracts of Allahi, Nandihar, Tikari, and eastern slopes of Black Mountain; repulsed night attack on camp, 23rd April.

In 1868, 11th August, repulsed attack by Allahiwal; presented with sword "for gallantry" by Punjab Government; accompanied Black Mountain Expedition—medal and clasp

In 1869, reconnoitred independent tracts of Chilas and Kohistan between Indus and Kaghan.

In 1870, reconnoitred hill country round Peshawur District; fired on by Hassan Khel.

In 1871, reconnoitred small portion Bhutan hills touching on District Darrang, Assam.

In 1877, accompanied Jowaki Afridi Expedition; services cordially acknowledged by Viceroy, Commander-in-Chief, and Punjab Government.

In 1878-79, with Khyber Column in Afghanistan; present at attack on Ali Musjid, actions of Deh Sarak and Fattehabad; accompanied 1st and 2nd Bazar Valley Expeditions; mentioned in despatches; attacked by Mohmands near Michni while reconnoitring alternative routes to the Khyber; "conspicuous gallantry" displayed on the occasion cordially acknowledged by the Viceroy in Council; ascended summit of Sikaram, Safid-koh, 29th May 1879, and received congratulatory telegram from Commander-in-Chief, as having been the first European who had done so; services during campaign acknowledged by Secretary of State for India, by the Governor General, by the Commander-in-Chief, and by the Punjab Government—medal and clasp; personal allowance of ₹100 per month and special grant of ₹1,000; recommended by Viceroy and Commander-in-Chief for direct Captaincy in Staff Corps, which was disallowed by War Office.

During 1879-80, attached to Quarter Master General's Department during 2nd Afghan Campaign; completed reconnaissance of Afridi and Mohmand countries; accompanied General Tytler's Expedition against the Zaimukhts; services acknowledged by Commander-in-Chief; mentioned in despatches; during October and November 1884 accompanied Zhob Valley Expedition; services acknowledged by Governor General in Council.

Literary Works.—Reports on Tirah, Mohmand country, and various other parts of Afghanistan. } Intelligence Branch, Q. M. G.'s Department.
"Pathans of the North-Western Frontier."
"A Surveyor's Narrative on Afghanistan." } Blackwood, 1879.
"Pushto Vocabulary" for Explorers.
"Trans-Frontier Exploration," U. S. I. of India.

JOHN ECCLES, M.A., *Assistant Superintendent, 1st Grade.*—Appointed by Her Majesty's Secretary of State for India as an Assistant Superintendent, 2nd grade, Survey of India; landed at Calcutta, afternoon, 29th May 1885, and joined the Head-quarters Office on the 30th idem; transferred to the Computing Party, Dehra Dun, 26th July 1885; officiated in charge from 23rd September to 22nd December 1885; Officiating Assistant Superintendent, 1st grade, from 30th May to 19th November 1886, and Officiating Deputy Superintendent, 4th grade, from 20th to 22nd November 1886. Officiating Assistant Superintendent, 1st grade, from 23rd November 1886 up to the present time. Transferred to No. 25 Party Tidal and Levelling, 1st November 1887. Confirmed as Assistant Superintendent, 1st grade, 11th April 1888.

LIEUTENANT JOHN MURCHISON FLEMING, *Bengal Staff Corps, Officiating Assistant Superintendent, 1st Grade.*—Obtained first commission on the 13th August 1879, as 2nd Lieutenant, 25th "King's Own Borderers"; Lieutenant in the same regiment, 21st June 1880; appointed on probation to the Bengal Staff Corps, and attached as Wing Officer to the 22nd Punjab Infantry, 22nd July 1882; appointed Officiating Wing Officer to the 4th Bengal Infantry, 4th October 1882; Officiating Quarter Master, 4th Bengal Infantry, from 4th September 1883; appointed permanently to Bengal Staff Corps by G. G. O. No. 57 of 8th February 1884; Adjutant in same regiment from 15th April to 28th June 1885; appointed to Survey of India Department as Assistant Superintendent, 2nd grade, sub. *pro tem.*, 3rd July 1885, and on probation, 22nd October 1885; confirmed 14th May 1887. Transferred to No. 18 Party (Himalaya), 21st September 1886; Officiating Assistant Superintendent, 1st grade, from 14th May 1887.

War Services.—Served with 25th King's Own Borderers in the Khyber Line Field Force from 18th December 1879 to August 31st, 1880; expeditions against Mohmands and into Lughman Valley—medal.

T. ARCHDALE POPE, *Officiating Assistant Superintendent, 1st Grade.*—Second class Inspector of Police, Cuddapah, 17th July 1880 to 1st February 1881; passed the third class Test in Telugu, 10th January 1881; probationary 2nd Assistant Superintendent, Madras Survey, doing duty in the Central Office, 2nd February 1881; transferred to No. II Party, Bellary, 9th February 1881; confirmed as 2nd Assistant Superintendent, 1st September 1881; on duty in the Central Office, Madras, 19th December 1881 to 1st March 1882; transferred to No III Party, Madura, 2nd March 1882; passed the third class Test in Tamil, 17th July 1882; transferred to No. I Party for the demarcation and survey of the Madura, Travancore boundary, 1st December 1882; privilege leave from 7th May to 6th July 1883; transferred to No. III Party, Tanjore, 7th July 1883; Acting Assistant Superintendent, 1st class, from 18th March to 18th June 1884; Assistant Superintendent, 1st class, from 3rd September 1884; in charge of Central Office, 1st October to 26th November 1885; Acting Deputy Superintendent, 2nd class, from 1st October to 26th November 1885; transferred to No. III Party, Trichinopoly, 3rd December 1885; privilege leave for 3 months from 1st July 1886; services placed at the disposal of the Government of India from 1st October 1886; Assistant Superintendent, 2nd grade, Survey of India; attached to the Photographic and Lithographic Offices, Calcutta, 14th October 1886; Officiating Assistant Superintendent, 1st grade, 14th October 1886.

LIEUTENANT T. F. B. RENNY-TAILYOUR, *Royal Engineers, Assistant Superintendent, 2nd Grade.*—Received commission in Royal Engineers, 14th February 1883. Under instructions at the S. M. E. Chatham from 28th March 1883 to 3rd January 1885. Transferred to the India Establishment, 2nd March 1885. Served with the Bengal Sappers and Miners at Roorkee from 4th April to 22nd September 1885; joined Military Works Department as Assistant Engineer, 2nd grade, sub *pro tem.*; promoted to Assistant Engineer, 2nd grade, permanent, on 4th March 1886; passed prescribed examination for promotion, to 1st grade, on 1st January 1887; and passed colloquial examination in Hindustani, on 3rd January 1887; promoted Assistant Engineer, 1st sub. *pro tem.*, on 7th January 1887; promoted Assistant Engineer, 1st grade, permanent, on 1st November 1887; joined the Survey Department as Assistant Superintendent, 2nd grade, on the afternoon of 31st March 1888, and was attached to No. 21 Party (Upper Burma).

War Services.—Attached to (Queen's Own) Sappers and Miners, from 30th October 1885, for active service in Upper Burma, and was appointed an Assistant Field Engineer, Upper Burma Field Force, from 16th November 1885 to 31st March 1888. Accompanied the force under General Sir H. Prendergast, K.C.B., and was present at the taking of Mandalay; mentioned in despatches of Major-General Sir G. White, K.C.B., V.C.; was thanked by the Commander-in-Chief for Intelligence work in the field—medal with clasp.

LIEUTENANT R. J. H. L. MACKENZIE, *Royal Engineers, Assistant Superintendent, 2nd Grade.*—On arrival in India was posted as attached Officer, Baluchistan Command, Military Works, and permanently posted to the Quetta Division. Appointed to the Military Works Department, as Assistant Engineer, 2nd grade, temporarily, with effect from 7th March 1887. Elected to be paid according to the consolidated rate of pay in the Military Works Department. Passed the examination for promotion to Assistant Engineer, 1st grade, prescribed in paras. 9 to 13, Chapter II, Public Works Department Code, on 21st August 1887. Promoted from Assistant Engineer, 2nd grade, temporary, to Assistant Engineer, 2nd grade, permanent, from 1st November 1887. Reported his departure from the Quetta Division, Military Works, on the forenoon, 26th March 1888. Joined the Survey Department as Assistant Superintendent, 2nd grade, on the forenoon of 26th March 1888, and was attached to No. 16 Party (Baluchistan II).

Statements of Services of the Geological Survey Officers.

Corrected up to 1st July 1888.

MR. WILLIAM KING, B.A., D.SC. (*Royal, Ireland*) F.G.S.—Engaged in England by Dr. Oldham, and joined appointment as Assistant on the Geological Survey on 4th March 1857; in May 1858, attached to Madras Party in the Nilgiri Hills and South Arcot; 1859, Trichinopoly and Tanjore; 1860, Salem and Coimbatore; 1861, Kadapah District; 1862, North Arcot, Kadapah and Nellore, arranged the rock collections in the Madras Central Museum; 1863, Madras, North Arcot, and Nellore, delivered three public lectures at Nellore on the Geology of the District; 1864, Kadapah, Bellary, and Karnul Districts, delivered a course of lectures on Geology at the Civil Engineering College, Madras; 1864-65, Kadapah, Karnul and Raichur Doab; 1865-66, Kadapah and Karnul Districts, placed in the 2nd grade on the introduction of grading in May 1866; 1866-67, Bellary District; 1867, 1868, and 1869, Kadapah and Kistna Districts; appointed Deputy Superintendent for Madras, 15th November 1868; furlough from 17th September 1869 to 16th December 1870; 1870-71, Raichur Doab and Bhima Valley; officiated in the 1st grade from 13th June to 3rd December 1871; 1871-72, Godavari District and Nizam's Territories; discovered Singareni coal-field; 1872-73, Godavari and Vizagapatam Districts; deputed to Vienna in joint charge of the survey collections at the Exhibition; officiated in the 1st grade from 19th September 1872 to 20th April 1875; 1873-74, Godavari and Kistna Districts; 1874-75, Wynaad gold-field and Godavari District; promoted to 1st grade on 21st April 1875; 1875, 1876, 1877, 1878, and 1879, Godavari and Sironcha Districts and Nizam's Dominions, also the Wynaad gold-fields; 1880-81, Malabar Coast; furlough from 10th May 1881 to 9th July 1883; 1883-84, Chhattisgarh; Fellow of the Madras University, and Member of the Faculty of Engineering, 1884; officiated as Superintendent from 7th May to 12th November 1884; 1884-85, Chhattisgarh; designation changed to Superintendent of the Geological Survey of India; 1885-86-87, Chhattisgarh; appointed Director on 27th April 1887; 1887-88, Darjiling Coal Field, Karharbali Coal Field, Jabalpur District, Rawalpindi oil, Dandot colliery, Baluchistan coal and oil, and Office.

Has contributed to the Survey publications 5 Memoirs and 24 Records.

MR. ROBERT BRUCE FOOTE, F.G.S.—Engaged in England for the Geological Survey; joined as Assistant on the 28th September 1858, deputed to Madras; 1859, in Trichinopoly, South Arcot, and Tanjore; 1860 and 1861, in Salem, Trichinopoly, and South Arcot; delivered a course of public lectures on Geology at the Civil Engineering College, Madras; 1862, in Salem, Coimbatore, South Arcot, and Chingleput, delivered a course of public lectures on Geology in the Civil Engineering College, Madras; 1863, North Arcot, Salem, Chingleput, arranged the palæontological collections in the Madras Museum; 1864, in Chingleput and North Arcot; 1865, in Kadapah, Karnul, Nizam's Territory; 1866, in Karnul, Nellore; placed in the 2nd grade on the introduction of grading in May 1866; 1867, in Nellore, Karnul, Kistna; leave on medical certificate from 29th May 1867 to 22nd October 1868; 1868-69, in Kistna District and Nizam's Territories; 1869-70, in Bellary, Nizam's Territories, Kaladgi; 1870-71, in Bellary, Nizam's Territories, Kaladgi, Belgaum; 1871-72, in Nizam's Territories, Kaladgi, Belgaum, Ratnagiri, Kolhapur; 1872-73, in Bellary, Dharwar, Kaladgi, Sholapur; deputed to Vienna Exhibition in joint charge of the survey collections; officiated in the 1st grade from 16th July 1873 to 17th December 1874; 1873-74, in Kaladgi, Belgaum, Kolhapur, Dharwar; examined the Dambal gold region; 1874-75, in Nellore; 1875, 1876, and 1877, in Nellore and Kistna; promoted to the 1st grade on 1st April 1876; 1877, 1878, and 1879, Trichinopoly, Tanjore, Pudukotta, Madura; furlough from 13th May 1879 to 6th December 1880; 1880-81, Madura, Tinnevelly; officiated as Deputy Superintendent from 7th December 1880 to 13th June 1881; appointed Deputy Superintendent from 14th June 1881; 1881-82, Tinnevelly; held charge of the current duties of the Office of the Superintendent,

Geological Survey, from 23rd July to 22nd October 1882; 1882-83, Madura and Karnul; 1883-84, Karnal, Hyderabad and Bellary; Fellow of the Madras University and Member of the Faculty of Engineering, 1884; 1884-85, Bellary; designation changed to Superintendent of the Geological Survey of India; 1885-86, Bellary; 1887, deputed to examine principal auriferous tracts in behalf of the Mysore Durbar, Bellary; officiated as Director from 27th June to 26th September 1887; 1888, Bellary.

Has contributed to the Survey publications 5 Memoirs, 16 Records, and 1 Palæontologia Indica; also translation from the German of a paper by Dr. Waagen on the geographical distribution of fossil organisms in India.

Mr. Frederick Richard Mallet, F.G.S., F.C.S.—Engaged by Dr. Oldham in England; joined the Geological Survey as Assistant on the 12th February 1859; and took up work in the Raniganj coal-field; 1859-60, in the Kharakpur Hills; in July 1860, made a trip to Tibet by Niti; 1860-61, Upper Sone Valley; in July 1861 made an excursion in Spiti; 1861-62, on the Upper Vindhyans in Bundelkhand and Rewah; 1862-63, on the Vindhyans in Mirzapur and Shahabad Districts; 1863-64, on the Vindhyans between Rewah and Saugor; June to September 1864, worked with Dr. Stoliczka in Spiti and Rupshu; 1864-65, worked the Vindhyan boundary from Jabalpur to Barwai; from 10th May to 9th November 1865, officiated as Deputy Superintendent of Bengal; 1865-66, on the Vindhyan and crystalline rocks between Chunar and Tehri in Bundelkhand; 1866-67, through Bhurtpur, Alwar, Bundi, and Guna to the Saugor District; 1867-68, the gneiss of Lower Bundelkhand; 1868-69, on the crystalline and transition rocks in the Mirzapur District; passed in the vernacular on 5th October 1868; on furlough for one year from 13th September 1869, with an extension on duty for three months and nine days to 21st December 1870; on his return journey stopped at Aden to report on the prospects of an artesian boring; 1871-72, in South Mirzapur and Rewah; officiated in the 2nd grade from 13th June to 3rd December 1871; officiated for three months as Curator of the Museum; during the recess seasons of 1871 and 1872, arranged and catalogued a large part of the mineral collections; promoted to the 2nd grade on 1st May 1872; 1872-73, on the crystalline and transition rocks of Northern Hazaribagh; recalled to arrange the mineral collection for the Vienna Exhibition; 1873-74, in the Sikkim Himalayas and Bhutan Duars; 1874, 1875, and 1876, examined and reported on the coal-fields of Upper Assam, received the thanks of the Assam Government; officiated in the 1st grade from 16th March to 25th April 1876; since 12th October 1876 has acted as keeper of the mineral collections, the systematic description of which involves much work in the laboratory; early in 1878 examined and reported on some coal and petroleum localities in Ramri, Cheduba, and Baronga Islands; leave on medical certificate from 25th July 1879 to 22nd October 1880; 1880-81, Museum; officiated in the 1st grade from 23rd October 1880 to 24th January 1883; examined and reported on a new copper mine in British Sikkim; officiated as Deputy Superintendent from 25th April 1882 to 10th April 1883; promoted to the 1st grade on 25th January 1883, and appointed Deputy Superintendent on 11th April 1883; 1882-83, Museum; also examined and reported on iron ores of Jabalpur; 1883-84, Museum, Andamans, Barren Island and Narcondam; furlough from 2nd May to 3rd November 1884; 1884-85, Museum and Hazaribagh; designation changed to Superintendent of the Geological Survey of India; 1885-86, Museum, Calcutta; furlough on medical certificate from 30th April to 21st November 1886; 1886-87, Museum, Calcutta; leave on medical certificate from 28th June 1887.

Has contributed to the Survey publications 6 Memoirs and 40 Records.

Mr. Theodore William Hughes Hughes, C.E., A.R.S.M., F.G.S.—Appointed in England by the Secretary of State on 16th October 1862; joined the Survey as Assistant on the 11th November 1862; 1862-63, in the Sone Valley; 1863-64, the Jherria coal-field; 1864-65, the Bokaro coal-field; 1865, 1866, 1867, and 1868, the Káranpura, Deogarh, Karharbári, Ithkuri and Daltonganj coal-fields; 1868, 1869, 1870, and 1871, the Wardha Valley coal-fields; passed in the vernacular on the 3rd August 1868; reported for Government, North-Western Provinces, on roofing slates for barracks, Ranikhet, 1869; accompanied Governor General (Lord Mayo) during tour of Wardha Valley coal-field and opening of Mayo colliery, March 1870; reported for Government, Central Provinces, on lead ore at Sleemanabad, June 1870; pointed out over 20 sites for bore holes in the districts of Chanda and Wún—coal proved in all; also assisted officers of His Highness the Nizam to select positions; leave on medical certificate from 1st July 1871 to 8th November 1872; 1872-73, Bandar and Wardha coal-fields; on special duty with Mr. Banerman, visiting the iron deposits of the Central Provinces; officiated as Deputy Superintendent from 9th November 1872 to 17th December 1874; during July to September 1873, made a trip in Tibet by Niti and Milam; in October 1873, reported on the Kumaon iron ores; in November 1873 reported for the Bengal Iron Company on the Raniganj Field; 1873-74, Wardha Valley coal-field; recommended and indicated sites for borings in the Bandar Field which proved coal; received thanks of Government, Central Provinces; reported for Messrs. Apcar and Company on boring sites in the Raniganj Field, also for Messrs. Burn and Company

on the Birbhum iron ores; 1874-75, the Pranhita and Jangaon Valleys, and the Wún coal-fields; 1873-74-75, indicated more bore sites in Wún District; promoted to the 2nd grade from 21st April 1875; 1875-76, the Godavari Valley; visited the Mohpani coal-field, and the trial borings for coal at Khappa and Moran River; accompanied the Superintendent during his observations of underground temperature; 1876-77, completed survey of the Kota-Maleri area; recommended borings for coal at Sandrapali,—Godavari River; reported for Bengal Coal Company on supposed occurrence of coal south of Karharbari Field; leave on furlough from 1st November 1877 to 14th October 1879; officiated in the 1st grade from 15th October 1879 to 6th December 1880; officiated as Deputy Superintendent for Bombay from 3rd April to 6th December 1880; 1879-80, 1880-81, 1881-82-83, South Rewah coal-fields; again visited Mohpani coal-field, and inspected new sinking, August 1880; officiated in the 1st grade and as Deputy Superintendent from 17th March 1881 to 7th June 1882; urged borings for coal at Umaria-Khalesar, Rewah State, and in valley of the Johilla River; pointed out sites which proved coal over large area, January 1882; reported for Government, Central Provinces, on coal outcrops in Mahanadi, Jabalpur District, May 1882; leave on furlough from 8th June 1882 to 22nd February 1883; officiated in 1st grade from 23rd February to 10th April 1883; officiated as Deputy Superintendent from 23rd February to 10th May 1883; promoted to 1st grade on 11th April 1883; superintending Rewah coal explorations from 1st March 1883; 1883-84, Korea and Jhilmilli; officiated as Deputy Superintendent from 29th April to 12th November 1884; in May 1884, reported for Messrs. Schœne, Kilburn and Co. on coal near Jainti River; received thanks of the Central India Agency; services placed at the disposal of the P. W. Department, Government of India, as Superintendent of the Umaria coal estate, with a deputation allowance of Rs. 200 a month, from 18th December 1884 to 31st December 1885; designation changed to Deputy Superintendent of the Geological Survey of India; 1886, South Rewah; officiated as Superintendent, 1st grade, from 27th April to 19th May 1886; furlough from 20th May to 24th November 1886; deputed to Hyderabad to examine the country in behalf of the Hyderabad Deccan Co. from 25th November 1886; appointed Superintendent on 27th April 1887.

Has contributed to the Survey publications 9 Memoirs and 21 Records.

Mr. Charles Augustus Hacket.—Engaged in England by Dr. Oldham; joined the Geological Survey as Assistant on the 15th November 1861; 1861, 1862, and 1863, in the Sone Valley; 1864, 1865, 1866, and 1867, on the Vindhyans in Central India; 1867, 1868, and 1869 on the Vindhyans and Aravalis between Bhartpur and Neemuch; passed in the vernacular on 5th October 1868; 1869, 1870, 1871, and 1872, on the Transition and Gondwana Rocks in Jabalpur and South Rewah; 1872-73, Narsingpur and Hoshungabad; officiated in the 2nd grade from 3rd June 1873 to 15th December 1874; 1873-74, Rajputana; leave on furlough and medical certificate from 3rd August 1874 to 1st November 1875; 1875, 1876, 1877, 1878, and 1879, the Aravalis in Rajputana and Punjab; officiated in the 2nd grade from 16th March to 26th April 1876, and from 24th March 1878 to 13th June 1881; 1880-81, Rajputana, towards Neemuch and Oodeypore; promoted to 2nd grade from 14th June 1881; 1881-82, Rajputana; leave on furlough from 20th November 1882 to 17th November 1884; 1884-85, Rajputana; designation changed to Deputy Superintendent of the Geological Survey of India; 1885-86, Rajputana; officiated as Deputy Superintendent, 1st grade, from 27th April to 8th November 1886; officiated as Deputy Superintendent, 1st grade, from 28th June to 27th December 1887; appointed 1st grade Deputy Superintendent from 28th December 1887; officiated as Superintendent from 28th December 1887; 1887-88, Rajputana.

Has contributed to the Survey publications 5 Records.

Mr. Carl Ludolf Griesbach, c.i.e., f.g.s.—Appointed by the Secretary of State in England on 26th September 1878; joined as 3rd grade Assistant on 11th November 1878; took up the survey of the South Rewah coal-fields in November 1878; 1879, Himalayas; 1880, deputed to Afghanistan to report on gold at Kandahar and petroleum at Sibi; passed in the vernacular on 15th September 1880; officiated in the 2nd grade from 13th March to 7th November 1880; officiated in the 2nd grade from 17th March 1881 to 24th January 1883; 1881, Kumaun, Himalayas and Europe on duty; 1882-83, Garhwal and Himalayas; promoted to 2nd grade on 25th January 1883; accompanied Takht-i-Suleiman Expedition in December 1883; 1883-84-85-86, Punjab; attached to Afghan Boundary Commission; officiated in 1st grade and as Deputy Superintendent from 7th May to 7th November 1884; designation changed to Deputy Superintendent of the Geological Survey of India; returned to India and rejoined the Geological Survey of India on 1st November 1886; officiated as 1st grade Superintendent from 1st to 24th November 1886; 1886-87, Office; appointed C.I.E. on 16th February 1887; officiated as Superintendent from 27th April 1887 to 13th January 1888; services placed at the disposal of the Foreign Department from 14th January 1888 for deputation as Geologist to H. H. the Amir of Kabul.

Has contributed to the Survey publications 2 Memoirs and 10 Records.

War Services.—On 6th March 1880 was deputed on special service under the orders of the General Commanding Southern Afghanistan; was present at the action of Girishk, 14th July, and the battle of Maiwand, 27th July; attached as Lieutenant to the 66th Regiment, Kandahar Field Force, Order No. 271, dated 29th July 1880, and was present throughout the siege of Kandahar and the battle of Kandahar, 1st September 1880; favourably mentioned in despatches; received the acknowledgment of the Government of India—medal and clasp.

MR. RICHARD DIXON OLDHAM, A.R.S.M., F.G.S.—Appointed in Europe by the Secretary of State on 6th November 1879; joined as 3rd grade Assistant on 17th December 1879; took up work in the Godavari Valley; 1880-81, Jaunsar and Sirmur; passed in the vernacular on 1st August 1881; 1881-82, on special service to Manipur; officiated in 2nd grade from 14th June 1881 to 10th April 1883; 1882-83 to 1883-84, Jaunsar and Andamans; promoted to 2nd grade on 11th April 1883; 1884-85, Andamans, on duty in Australia for 35 days after expiration of privilege leave, and North-East Rajputana; designation changed to Deputy Superintendent of the Geological Survey of India; 1885-86, North-East Rajputana; officiated as Superintendent, 1st grade, from 20th May to 31st October 1886; services placed at the disposal of the Foreign Department in connection with the mission to Tibet from 29th May to 8th August 1886; 1886-87, Rajputana, Himalayas, and Alwar; officiated as Deputy Superintendent, 1st grade, from 28th December 1887 to 13th January 1888; officiated as Superintendent from 14th January 1888; 1888, Rajputana.

Has contributed to the Survey publications 4 Memoirs and 16 Records.

MR. PRAMATHA NATH BOSE, B.SC. (*Lond.*), F.G.S.—Appointed in Europe by the Secretary of State on 13th May 1880; joined as 3rd grade Assistant on 30th July 1880; 1880-81, 1881-82, 1882-83, Lower Narbada Valley and Chhattisgarh; officiated in 2nd grade from 2nd March 1882 to 31st March 1884; promoted to 2nd grade from 1st April 1884; 1883-84, Chhattisgarh; 1884-85, Raipur; designation changed to Deputy Superintendent of the Geological Survey of India; 1885-86-87, Chhattisgarh; officiated as Deputy Superintendent, 1st grade, from 14th January 1888; 1888, Jabalpur.

Has contributed to the Survey publications 1 Memoir and 4 Records.

MR. THOMAS HENRY DIGUES LATOUCHE, B.A. (*Cantab.*)—Appointed in Europe by the Secretary of State on 11th October 1881; joined in India as 3rd grade Assistant on 29th November 1881; 1881-82, Garo Hills; passed in the vernacular on 5th June 1882; officiated in 2nd grade from 8th June 1882 to 17th November 1884; 1882-83 to 1883-84, Assam; officiated in 2nd grade from 22nd November 1884 to 27th April 1887; 1884-85, accompanied North-East Frontier Exploration party, and Assam; 1885-86-87, Assam; appointed 2nd grade Deputy Superintendent from afternoon of 27th April 1887; deputed to Kashmir to inspect sapphire mines from 29th July 1887 to 8th February 1888, and from 1st April 1888.

Has contributed to the Survey publications 9 Records.

MR. CHARLES STEWART MIDDLEMISS, B.A. (*Cantab.*)—Appointed in Europe by the Secretary of State on the 20th September 1883; joined in India as 3rd grade Assistant on the 29th December 1883; 1884, Jaunsar and Kumaun; officiated in 2nd grade from 7th May to 7th November 1884; passed in the vernacular on 6th October 1884; 1884-85, Kumaun, deputed to report on the Bengal earthquake; 1885-86, Kumaun; officiated as Deputy Superintendent, 2nd grade, from 20th May to 8th November 1886; 1886-87, Kumaun; officiated as 2nd grade Deputy Superintendent from 27th April 1887; 1888, Kumaun.

Has contributed to the Survey publications 6 Records.

MR. EDWARD JAMES JONES, A.R.S.M.—Appointed in Europe by the Secretary of State on the 20th September 1883; joined in India as 3rd grade Assistant on the 29th December 1883; 1884, Korea, Jhilmilli, and Chhindwara; passed in the vernacular on 2nd June 1884; officiated in 2nd grade from 29th April to 12th November 1884; 1884-85, Chhindwara, deputed to Kashmir to report on earthquake; 1885-86, Chhindwara and Burma; officiated as Deputy Superintendent 2nd grade, and as Curator, from 27th April to 24th November 1886; 1886-87, Burma; officiated as Deputy Superintendent, 2nd grade, and as Curator from 28th June 1887; 1887-88, Head Quarters.

Has contributed to the Survey publications 1 Memoir and 4 Records.

MR. FRITZ NOETLING, PH.D. (*Berlin U.*)—Appointed in Europe by the Secretary of State on 20th January 1887; joined in India as Palæontologist on 17th February 1887; 1887, Head Quarters; 1888, Burma.

MR. PHILIP LAKE, B.A. (*Cantab.*)—Appointed in Europe by the Secretary of State on 9th December 1886; joined in India as 3rd grade Assistant Superintendent on the afternoon of 27th September 1887; 1887-88, Bellary.

MR. PARVATI NATH DATTA, B SC. (*Lond.*), F.G S.—Appointed in Europe by the Secretary of State on 27th April 1888; joined as 3rd grade Assistant Superintendent on the 25th June 1888; 1888, Head Quarters.

MR. WILLIAM ROBERT BION.—Joined the Survey as Librarian on 12th December 1870; appointed Head Clerk as well as Librarian on 1st August 1873; appointed Registrar on 31st December 1878; compiled and carried through the press a catalogue of the books in the Library of the Geological Survey of India, 1884; furlough from 18th April to 28th September 1885.

LALA KISHEN SINGH.—Joined the Survey as an Apprentice on 7th January 1874; 1874-76, Museum, Calcutta; 1876-77, 1877-78, and 1878-79, Sub-Himalaya; appointed Sub-Assistant on 1st April 1879; 1879 80, Punjab; 1880-81 to 1883 84, Gwalior; furlough from 1st October 1884 to 30th September 1885; 1885-86, Malwa, Mandla, and Seoni; 1887-88, Chhindwara.

LALA HIRA LAL.—Joined the Survey as an Apprentice on 7th January 1874; 1874 to 1876, Museum; 1876-77, Sind; 1877-78, Satpura and Museum; 1878-79, Museum and Sirguja; appointed Sub-Assistant on 1st April 1879; 1879-80, Museum; 1880-81 to 1882-83, Museum and South Rewah; 1883-84, Korea, Jhilmilli, and Chhattisgarh; 1884-85-86-87, Chhattisgarh; 1888, Sirguja.

MR. THOMAS RAMSAY BLYTH.—Joined the Survey as Museum Assistant on 1st March 1884.

REVENUE AND AGRICULTURAL—ARCHÆOLOGICAL SURVEY.

JAMES BURGESS, C.I.E., LL D., (Edin.); Hon. Assoc. R. I. B. A.; F. R. G. S.; M. R A. S.; M. Soc. Asiat. Paris; Cor. Mem. Anthrop. Soc. Berlin; Fellow of the University of Bombay.—Archæological Surveyor and Reporter for Western India, 15th January 1874, ₹800; on duty in England, 4th May to 27th October 1874, £40; 26th April to 29th October 1875, 1st May to 2nd November 1876, 8th May 1877 to 29th October 1878, 29th April to 28th October 1879, and from 2nd May 1880 to 14th November 1881, drew pay at £50 per mensem, from 1st May 1876, while on duty in England; on duty in India, 15th January to 3rd May 1874, 28th October 1874 to 25th April 1875, 30th October 1875 to 30th April 1876, 3rd November 1876 to 7th May 1877, 30th October 1878 to 28th April 1879, and from 29th October 1879 to 1st May 1880, drew pay at ₹1,000, from 1st March 1875, while on duty in India; also Archæological Surveyor for Southern India, November 1881; on duty in India, 15th November 1881 to 5th May 1882, 9th November 1882 to 27th April 1883, 24th October 1883 to 2nd May 1884, drew pay at ₹1,200 from 24th October 1883; on duty in England, 6th May to 8th November 1882, 28th April to 23rd October 1883, 3rd May to 5th June 1884, and from 2nd October 1884 to 2nd November 1885; drew pay at £60 per mensem, from 6th October 1883; *sick leave for 3 months from 6th June to 5th September 1884; leave without allowances, from 6th September to 1st October 1884;* Director General of the Archæological Survey of India, 15th March 1886; on duty in India from 3rd November 1885 to 7th May 1886, 3rd November 1886 to 6th May 1887, 26th September 1887 to 6th April 1888, 33 days' privilege leave 16th May to 18th June 1887; drew pay in India at ₹1,500 per mensem from 3rd November 1886; on duty in England from 8th May to 2nd November 1886, 7th May to 25th September 1887, and from 6th April 1888, drew pay at £80 per mensem from October 1886.

Literary works.—Scientific papers in the 'Philosophical Magazine,' 'Journal of the Asiatic Society of Bengal,' 1858, 'Cambridge Messenger of Mathematics,' &c.; "On Satrunjaya the sacred place of the Jainas, near Palitana," illustrated folio; "The Rock Temples of Elephanta or Gharapuri described and illustrated;" "Somanath Girnar, Junagadh" with photographs and plans (folio); "Notes of a visit to Gujrat;" "the Rock Temples of Elura or Yerul;" "the Indian Antiquary, a Journal of Oriental Research in Archæology, &c.," 1872 to 1884, 13 vols., "Views of Architecture and Scenery in Gujrat and Rajputana" (folio with 30 photos.), 1874; Reports on the Archæological Survey of Western India, (quarto, richly illustrated)—1 "Belgaum and Kaladgi," 2 "Kathiawad and Kachh," 3 "Bidar and Aurangabad districts," 4 "the Buddhist Cave Temples and their inscriptions," 5 "The Elura Cave Temples and the Brahmanical and Jaina Caves in Western India;" and, conjointly with the late James Fergusson, D. C. L., C. I. E., &c.—"The Rock Temples of India;" also "Notes on the Pauddha Rock Temples of Ajanta, their paintings and sculptures;" Lists of the Antiquarian Remains in the Bombay Presidency, Sind and Berar, with an Appendix of Inscriptions in Gujarat;" and other publications. The Archæological Survey of Southern India.—"The Buddhist Stûpas of Amaravati and Jaggayyapeta, with translations of the Asoka Inscriptions at Jaugada and Dhauli by Prof. G. Buhler, C. I. E.," richly illustrated; "Notes and Inscriptions chiefly from the South of the Madras Presidency;" &c.

CHARLES JAMES RODGERS, *Archæological Surveyor*, Punjab Circle.—Arrived in Amritsar December 15th, 1863; was for 22 years Principal of the Normal School of the Christian Vernacular Education Society for India; gazetted Archæological Surveyor, Punjab Circle, 1st October 1885; took up that appointment, January 1st, 1886; has written the following in the Journal of Asiatic Society of Bengal—(1) On the death of Humāyūn; (2) on the Coins of Khusran Shah and Khusran Malik; (3) the copper coins of the old Maharajahs of Kashmir; (4) the copper coins of the Sultans of Kashmir; (5) the coins of the Maharajahs of Kāngra; (6) coins supplementary to Thomas' Chronicles of the Pathan Kings of Delhi [there are four papers published up to the present, each with two plates]; (7) copper coins of Akbar; (8) Guzni coins struck in Lahore; (9) the coins of the Sikhs; (10) Indian coins of Ahmad Shāh Durrānī; (11) on some more copper coins of Akbar; (12) rupees of Ranjit Deo of Jummūn; (13) on Nisārs; (14) rupees of the months of the Ilahi years of Akbar; (15) on some coins from Kandahar; (16) on the coins mentioned by Major Raverty in his notes to the translation of the Tabaqāt i Nasiri; (17) on Persian couplets on the coins of Jahāngīr; (18) on Persian couplets on the coins of the successors of Jahāngīr; (19) on miscellaneous rare coins.

In Numismatic Chronicle "on some coins of Nādir Shāh struck in India."

In Journal of Royal Asiatic Society "Coins of Shamsud Dīn Mahmud Shāh."

In Indian Antiquary "The rupees of the Suri Dynasty," The Punjab Magazine "How Coins illustrate History." Calcutta Review "Portable Indian Antiquities" and "Amritsar in 1881."

Is Associate Member, Asiatic Society of Bengal, Member of the Royal Asiatic Society and Numismatic Society of London and Fellow of the Punjab University.

In 1886 surveyed the Gurdaspur District and discovered and exhumed a large temple in Nurpur Fort, Kangra District. In 1886-87 surveyed the temples of the Kulū valley and Kangra District. In 1887-88, the Hisār and Rohtak Districts, together with Sonpat.

Has received on several occasions the thanks of the Punjab Government for Educational Work and for work in connexion with the Lahore Museum.

Has assisted in forming the coin cabinets in the Lahore Museum, the Government Central Museum, Egmore, Madras, and the British Museum, London.

REVENUE AND AGRICULTURAL—METEOROLOGICAL DEPARTMENT.

MR. HENRY FRANCIS BLANFORD.—Engaged in England and appointed Assistant of the Geological Survey of India on arrival on 1st October 1855. Took part in the survey of the Talchir coal-field, and in the course of this work established the first sub-divisions of what is now known as the Lower Gondwana Series. From September 1856 to May 1857 had charge of the newly established Geological Museum. In May 1857, proceeded to Madras in charge of the Geological Survey party deputed to commence the survey of that Presidency. Surveyed the Nilgiris, and in the three following years the cretaceous rocks of Trichinopoly and South Arcot. In April 1860 returned to Calcutta, and was engaged in the museum in describing the fossils of the cretaceous rocks of Southern India. In 1861 surveyed the pergunnah of Kundit Kirayeh in the Sonthal country, and on the 24th December relinquished the service and proceeded to England in ill-health. While in England was nominated to a Professorship in the Presidency College, Calcutta, and received the appointment on arrival in Calcutta on the 16th December 1862. On the 11th January 1866 was promoted to the 2nd grade of the Educational Department. Leave on private affairs, from 24th April 1867 to 23rd October; appointed Meteorological Reporter to the Government of Bengal, 5th April 1867; leave on furlough (deducting two months on service in England) from May 4th, 1874, to January 14th, 1875; appointed Meteorological Reporter to the Government of India, January 15th, 1875, for the purpose of organizing the Meteorological Department; leave on furlough, April 15th, 1878, to February 12th, 1879, and from May 1st, 1887.

W. L. DALLAS.—Appointed by the Right Honourable the Secretary of State on the 18th July 1882; arrived in India on September 5th, 1882; gazetted and joined appointment as Assistant Meteorological Reporter to the Government of India, September 11th, 1882; employed in the preparation of the daily weather reports and charts, and on the reduction, charting, and discussion of the Meteorological Registers of the Indian seas; appointed Meteorological Reporter to the Government of the Punjab, 1st December 1885, in addition to other duties.

Original Discussions:—The temperature of the British Isles (Popular Science Review, 1880).
Sunspots and British Weather (ditto ditto, 1881.)
Meteorology of the southern portion of the Bay of Bengal, 1884.
The specific gravity of the waters of the Bay of Bengal, 1885.
Weather Charts of the Bay of Bengal, 1887.
Weather Charts of the Arabian Sea, 1888.
Memoir on the winds and monsoons of the Arabian Sea, 1887.

FREDERICK CHAMBERS.—Engaged in England, and joined the service as First Assistant, Magnetical and Meteorological Observatory, Bombay, on the 1st October 1868. Confirmed in the above appointment on the 1st July 1869. Acted as Superintendent, Government Observatory, Bombay, from 19th October 1869 to 6th February 1871. Acted as Superintendent, Government Observatory, Bombay, from 14th September 1874 to 10th December 1874. Appointed Meteorological Reporter for Bombay, Rajputana, &c., on the 17th November 1875. Acted as Superintendent, Government Observatory, Bombay, from 3rd April 1876 to 11th April 1878, in addition to his own duties. Designation changed to Meteorological Reporter for Western India on the 8th January 1880 On privilege leave from 26th April to 9th June 1880, and from 3rd October to 27th December 1881. Acted as Superintendent, Government Observatory, Bombay, from 17th February 1882 to 16th May 1882. On sick leave to Europe from 6th June 1882 to 5th June 1883. Resumed charge as Meteorological Reporter for Western India, 6th June 1883. Acted as Superintendent, Government Observatory, Bombay, from 18th June 1883 to 10th November 1884. Resumed charge as Meteorological Reporter for Western India on the 11th November 1884. On privilege leave from 20th August 1886 to 19th November 1886. Returned to duty on the 20th November 1886 and held the above appointment up to the end of June 1888.

Literary works.

1. Description of a new self-registering Rain-gauge, forming Appendix V to Bombay Magnetical and Meteorological Observations, 1865 to 1870.
2. The diurnal variations of the Wind and Barometric Pressure at Bombay. Published in the Philosophical Transactions of the Royal Society of London, 1873, pages 1 to 18.
3. On the mathematical expression of a complex periodical phenomenon and on Planetary Influence on the Earth's Magnetism by Messrs. Charles and Frederick Chambers. Philosophical Transactions, 1875, pages 361 to 402.
4. The diurnal variations of the Wind and Barometric Pressure. Supplementary Paper. Proceedings of the Royal Society of London, 1877, pages 402 to 411.

5. The diurnal variations of Barometric Pressure in the British Isles Quarterly Journal of the Royal Meteorological Society, 1879, pages 133 to 136.
6. The Winds of Karachee, Indian Meteorological Memoirs, 1880, Volume I, pages 249 to 310.
7. Sunspots and Barometric Pressure at Bombay, 1878. "Nature," 1880, Volume XXIII, pages 567 and 568.
8. Abnormal variations of Barometric Pressure in the Tropics and their relation to sunspots, rainfall and famines. Printed by the Government of Bombay, and reprinted in "Nature," 1880, Volume XXIII, pages 88 to 91 and 107 to 111.
9. Note on Mr. Blanford's Theory of the Winter Rains of Northern India. November 1884. Proceedings, Asiatic Society of Bengal.
10. On the variations of the mean diurnal inequality of the horizontal component of the Earth's magnetic Force at Bombay and their Relations to the sunspot period. Abstract printed in Proceedings of the Royal Society of London, No. 234, 1884. Publication deferred.
11. Variations of the prices of Staple Food-grains in the Bombay Presidency. Printed by the Government of Bombay, 1886, and reprinted in "Nature," 1886, Volume XXXIV, pages 100 to 104, under title "Sunspots and the Prices of Indian Food-grains."
12. The Cyclone of May and June 1881 in the Arabian Sea. In the Press.

REVENUE AND AGRICULTURAL—INDIAN MUSEUM.

MR. J. WOOD-MASON, *Superintendent.*—Educated at Charterhouse and Queen's College, Oxford. Joined the Indian Museum as Assistant Curator on October 12th, 1869, having been specially selected for the post by Professor Huxley and Sir Joseph Hooker, K.C.S.I.; granted leave on urgent private affairs without pay from March 1870 to October 20th, 1870; appointment sanctioned by Her Majesty's Secretary of State for India, July 9th, 1870; appointed to act as Curator from October 25th, 1870, to March 17th, 1871; deputed to study and to collect specimens of the marine fauna of the Bay of Bengal at the Andaman Islands from April to June 17th, 1872; appointed to act as Curator from September 10th to October 7th, 1872; appointed to act as Assistant Secretary to the Trustees in addition to his other duties; granted one month's privilege leave to collect for the Museum at the Nicobar Islands from 1st to 31st March 1873; acted as Curator from July 9th, 1873, to May 29th, 1876, and as Professor of Comparative Anatomy and Zoology in the Medical College of Bengal, for the same period; designation changed from "Assistant Curator" to "Deputy Superintendent," March 15th, 1877; acted as Assistant Secretary to the Trustees in addition to his other duties from April 1st to July 23rd, 1877; two years' furlough on medical certificate from July 23rd, 1877, to July 26th, 1879; acted as Superintendent from December 19th, 1879, to November 30th, 1880, and as Professor of Comparative Anatomy and Zoology in the Medical College for the same period; one month's privilege leave from September 11th to October 7th, 1880; deputed to Assam to make a scientific investigation regarding the insect pests of the Tea-plant (Report) March 17th to November, 1881; acted as Superintendent from November 24th, 1881, to April 13th, 1882; acted as Assistant Secretary to the Trustees in addition to his other duties from February 25th, 1882, to September 9th, 1882; furlough to Europe on medical certificate from September 9th, 1882, to March 21st, 1884; acted as Superintendent from March 22nd to December 8th, 1884, and as Professor of Comparative Anatomy and Zoology at the Medical College for the same period; reappointed on February 21st, 1885, to act in these same two offices; appointed substantively *pro tem.* to the Chair of Comparative Anatomy in the Medical College with effect from June 6th, December 17th, 1886; deputed to the Silk districts of Bengal to investigate the nature and causes of the diseases amongst the silk-worms, and submitted Preliminary Report of his investigations, January 3rd, 1887; appointed Superintendent of the Indian Museum substantively *pro tem.* with effect from 6th June, 1886, 6th May, 1887; confirmed in the appointment of Professor of Comparative Anatomy in the Medical College, Calcutta, 17th June, 1887; received the thanks of the Government of India for his services in connection with the Colonial and Indian Exhibition, London, 1886; confirmed in the appointment of Superintendent of the Indian Museum from the date of Dr. Anderson's retirement, July 1887; appointed a Fellow of the University of Calcutta, 13th January 1888.

Is author of reports on "The Tea-mite and the Tea-bug of Assam." London, 1884; on the *Paraponyx oryzalis*, an insect pest of the rice-plant in Burma. Calcutta, 1885; on the Rice-fly of Bengal, 1880, for which he received the thanks of the Government; and on the diseases of Bengal silk-worms and of very numerous original papers on different branches of Zoology and Comparative Anatomy published in the Transactions of the Zoological, Geological, and Entomological Societies of London, and of the Asiatic Society of Bengal, and in the Annals and Magazine of Natural History, between the years 1868 and 1887.

MR. W. L. SCLATER, B.A., F.Z.S., *Deputy Superintendent.*—Educated at Winchester and Keble College, Oxford; 1st Class Natural Science, 1886; appointment sanctioned by Her Majesty's Secretary of State for India, 25th August 1887. Joined the Museum as Deputy Superintendent, 21st November 1887.

MR. E. C. COTES, *1st Assistant to the Superintendent.*—Joined the Museum on April 12th, 1884, having been selected as an Assistant for the Entomological Department by Her Majesty's Secretary of State for India, and was confirmed in his appointment, June 14th, 1886; privilege leave from 21st February to 9th March, 1887.

Compiled, in conjunction with Colonel Swinhoe, BO. S. C., a Catalogue of the Moths of India, Part I.—Sphinges, Part II.—Bombyces; and is author of "Notes on Economic Entomology, Nos. I and II.

MR. O. L. FRASER, *2nd Assistant to the Superintendent.*—Joined the Museum as Osteologist or Articulator of Skeletons, and Head Taxidermist, May 10th, 1871; privilege leave from November 24th to December 15th, 1873; privilege leave from August 20th to November 20th, 1879; furlough from October 17th, 1881, to October 16th, 1882; privilege leave from April 14th to July 14th, 1886.

Is author of a short paper on a skull of *Rhinoceros sondaicus*, published in the Journal of the Asiatic Society of Bengal.

Assistant Secretary to the Trustees.—Vacant.

MR. T. N. MUKHARJI,—Assistant Curator, Art and Economic Section. Entered Government service, 5th May 1868, in the Police Department, Cuttack, Bengal. 1st May 1870, appointed Literary Assistant and Head Clerk to Sir William Hunter, then Compiler of Gazetteers, subsequently Director General of Statistics to the Government of India. 25th March 1875, transferred to the Department of Agriculture and Commerce, North-Western Provinces, where served as Head Assistant, Head Superintendent and Personal Assistant to the Director of the Department, until September 1881. 20th September 1881, transferred to Government of India in the Revenue and Agricultural Department. 8th September 1882, appointed "Officer in charge of Indian Exhibits for the Amsterdam Exhibition." March 1883, appointed "Officer in charge of the Exhibition Branch," Revenue and Agricultural Department, Government of India. March 1886, deputed to England in connection with the Colonial and Indian Exhibition. Returned to India January 1887. Appointed Assistant Curator, Art and Economic Section, 1st April 1887. Deputed to Glasgow on special duty in connection with the Glasgow Exhibition on 8th July 1887. Returned to India 14th October 1887.

Fellow of the Linnæan Society. Author of "A Rough List of Indian Art-ware," "a Descriptive Catalogue of Indian Exhibits sent to the Amsterdam Exhibition," "A Hand-book of Indian Products," &c., &c.

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